



## **ULK1 Polyclonal Antibody**

Catalog No         BYab-15027           Isotype         IgG           Reactivity         Human;Mouse           Applications         IHC;IF;WB;ELISA           Gene Name         ULK1           Protein Name         Serine/threonine-protein kinase ULK1           Immunogen         Synthesized peptide derived from the C-terminal region of human ULK1.           Specificity         ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1           Observed Band         Cell Pathway         Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome. <t< th=""><th></th><th></th></t<>		
Reactivity Human;Mouse  Applications IHC;IF;WB;ELISA  Gene Name ULK1  Protein Name Serine/threonine-protein kinase ULK1  Immunogen Synthesized peptide derived from the C-terminal region of human ULK1.  Specificity ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway Cytoplasm, cytosol. Preautophagosomal structure. Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function catalytic activity.ATP + a protein = ADP + a phosphopetin, function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells; similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/Lunc-51/ULK1 subfamily, similarity:Contains 1 protein kinase specificity. Dibiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.	Catalog No	BYab-15027
Applications IHC;IF;WB;ELISA  Gene Name ULK1  Protein Name Serine/threonine-protein kinase ULK1  Immunogen Synthesized peptide derived from the C-terminal region of human ULK1.  Specificity ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome .  Tissue Specificity Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function catalytic activity-ATP + a protein = ADP + a phosphoprotein., function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells, similarity: Belongs to the protein kinase superfamily. Ser/Thr protein kinase damily. MpG1/unc-51/ULK1 subfamily. Smilarity: Contains 1 protein kinase specificity biquitously expressed. Detected in the following adult tissues: skeletal muscle, heart pancreas, brain protein kinase domain , subunit: Interacts with GABARAP and GABARAPL2, tissue	Isotype	IgG
Gene Name  Cerine/threonine-protein kinase ULK1  Brotein Name  Serine/threonine-protein kinase ULK1  Immunogen  Synthesized peptide derived from the C-terminal region of human ULK1.  Specificity  ULK1 Polycional Antibody detects endogenous levels of ULK1 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit, IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  290%  Storage Stability  -20°C/1 year  Synonyms  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol. Preautophagosomal structure. Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  Function  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Tissue Specificity  Diciquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Tissue Specificity  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.	Reactivity	Human;Mouse
Protein Name Serine/threonine-protein kinase ULK1  Immunogen Synthesized peptide derived from the C-terminal region of human ULK1.  Specificity ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000, IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway Cytoplasm, cytosol Preautophagosomal structure. Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  catalytic activity. ATP + a protein kinase superfamily. Ser/Thr protein kinase family. APG1/lunc-51/ULK1 subfamily, similarity: Contains 1 protein kinase family. APG1/lunc-51/ULK1 subfamily, similarity: Contains 1 protein kinase superfamily. Ser/Thr prot	Applications	IHC;IF;WB;ELISA
Immunogen         Synthesized peptide derived from the C-terminal region of human ULK1.           Specificity         ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1           Observed Band         Cytoplasm, cytosol. Preautophagosomal structure. Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.           Tissue Specificity         Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.           Function         catalytic activity.ATP + a protein = ADP + a phosphoprotein.function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells, similarity. Belongs to the protein kinase superfamily. Ser/Thr protein kinase domain. subun	Gene Name	ULK1
Specificity  ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit, IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein, function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells., similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily, similarity. Contains 1 protein kinase superfamily. APG1/unc-51/ULK1 subfamily, similarity. Contains 1 protein kinase family. APG1/unc-51/ULK1 subfamily, similarity. Contains 1 protein kinase superfamily adult tissues: skeleta	Protein Name	Serine/threonine-protein kinase ULK1
Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit,IgG  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein. function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells, similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily, similarity:Contains 1 protein kinase specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.	Immunogen	Synthesized peptide derived from the C-terminal region of human ULK1.
Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1           Observed Band         Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.           Tissue Specificity         Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.           Function         catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase specificity: Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas superfamily. Ser/Thr protein kinase specificity. Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart protein kinase specificity. Ubiquitously expressed. Detected in the following adult tissues:	Specificity	ULK1 Polyclonal Antibody detects endogenous levels of ULK1 protein.
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function catalytic activity:ATP + a protein = ADP + a phosphoprotein, function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule els.s.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily, similarity:Contains 1 protein kinase domain.,subunit.Interacts with GABARAP and GABARAPL2, tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Source	Polyclonal, Rabbit,IgG
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1         Observed Band         Cell Pathway       Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome .         Tissue Specificity       Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.         Function       catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells, similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal	Purification	
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome .  Tissue Specificity Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase obmain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Dilution	WB 1:500-2000,IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200
Storage Stability  -20°C/1 year  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2, tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Concentration	1 mg/ml
Synonyms  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta		
Observed Band  Cell Pathway  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Purity	≥90%
Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.  Tissue Specificity  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta		
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heart, pancreas, brain, placenta, liver, kidney, and lung.  Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Storage Stability Synonyms	-20°C/1 year  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related
Function  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeleta	Storage Stability Synonyms Observed Band	-20°C/1 year  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an
	Storage Stability Synonyms Observed Band Cell Pathway	-20°C/1 year  ULK1; KIAA0722; Serine/threonine-protein kinase ULK1; Autophagy-related protein 1 homolog; ATG1; hATG1; Unc-51-like kinase 1  Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome  Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle,

Nanjing BYabscience technology Co.,Ltd

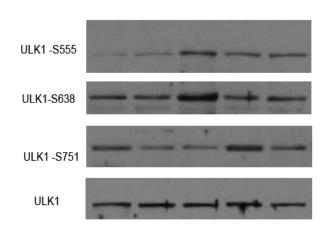


国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询

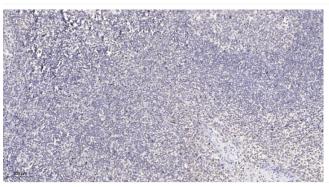


Background	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cell lysis(provided by our customer). Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS23920 was diluted at 1:10000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Nanjing BYabscience technology Co.,Ltd

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