



## NDR1/2 rabbit pAb

Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium, enzyme regulation:Activated by binding S10B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions between the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBK1A and MOB2/HCCA2 to the N-terminal of STK38, similarity:Belongs to the protein kinase. C+terminal of STK38, similarity:Belongs to the protein kinase. C+terminal		
Reactivity Human; Mouse;Rat   Applications WB   Gene Name STK38 NDR1   Protein Name NDR1/2   Immunogen Synthesized peptide derived from human NDR1/2   Specificity This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Ra   Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit.lgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity.ATP + a protein = ADP + a phosphoproteincofactor:Magnesium.enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation by an upstream kinase.interactions betw phosphorylated Thr -444 and the Nobe promote additional structural changes calcium-dependent phosphorylation by an upstream kinase.interactions betw phosphorylated Thr -444 and the Nobe promote additional structural changes calcium-dependent phospho	Catalog No	BYab-12549
ApplicationsWBGene NameSTK38 NDR1Protein NameNDR1/2ImmunogenSynthesized peptide derived from human NDR1/2SpecificityThis antibody detects endogenous levels of NDR1/2 at Human, Mouse,RaFormulationLiquid in PBS containing 50% glycerol, and 0.37% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsSerine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)Observed BandUbiquitously expressed with highest levels observed in peripheral blood leukocytes.FunctionUbiquitously expressed with highest levels observed in peripheral blood leukocytes.FunctionCatalytic activity:ATP + a protein = ADP + a phosphoprotein, cofactor.Magnesium, enzyme regulation:Activated by binding S10B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser281. Thr:444 then undergoes calcium-dependent phosphorylation of Xer281. Thr:444 then undergoes calcium-dependent phosphorylation of Ser281. Thr:444 then undergoes calcium-dependent phosphorylation of Xer281. Thr:444 then undergoes calcium-dependent phosphorylation of X	Isotype	lgG
Gene Name STK38 NDR1   Protein Name NDR1/2   Immunogen Synthesized peptide derived from human NDR1/2   Specificity This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Rate   Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit.lgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph   Using specific immunogen. Dilution   WB 1:500-2000 Concentration   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprolein, cofactor:Magnesium, enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Xer281. Th.r444 then undergoges calcium-dependent phosphorylation of Xer281. Th.r444 the	Reactivity	Human; Mouse;Rat
Protein Name   NDR1/2     Immunogen   Synthesized peptide derived from human NDR1/2     Specificity   This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Rat     Formulation   Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)     Observed Band   Cell Pathway     Tissue Specificity   Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.     Function   catalytic activity:ATP + a protein = ADP + a phosphorprotein, cofactor:Magnesium, enzyme regulation.Activated by binding S100B which releases automibilory N-lobe interactions, enabling ATP to bim and the autophosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibitoria is also released by thi binding of MOB 1/MOBKL1A and MOBZ/HCCA2 to the:N-terminal of STK38 "similarity:Belongs to the protein kinase 0.4erminal	Applications	WB
Immunogen Synthesized peptide derived from human NDR1/2   Specificity This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Ra   Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threeonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium, enzyme regulation:Activated by binding S100B which releases autoinbibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser:281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe interaction. Set year and the autophosphorylation of the kinase. AUTOR: AGC Ser/Thr provision and the activation of the kinase. AUTOR: AGC Ser/Thr provision as a set perfamily. AGC Ser/Thr provision as the activation of the kinase. C-terminal of STK38, similarity:Belongs to the protein kinase C-terminal of STK38, similarity:Belongs to the protein kinase C-terminal	Gene Name	STK38 NDR1
Specificity This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Ra   Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphorptein, cofactor:Magnesium, enzyme regulation:Activated by binding 5100 which releases autonhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation by an upstream kinase. Interactions be two phosphorylated Thr-444 and the N-lobe promote additional structural changes calcium-dependent phosphorylation by an upstream kinase. Interaction see that complete the activation of the kinase superaming. ACC Ser/Thr pro kinase family.; similarity:Belongs to the protein kinase superaming.	Protein Name	NDR1/2
Formulation Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium, enzyme regulation:Activated by binding S10B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions between the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBK1A and MOB2/HCCA2 to the N-terminal of STK38, similarity:Belongs to the protein kinase. C+terminal of STK38, similarity:Belongs to the protein kinase. C+terminal of STK38, similarity:Belongs to the protein kinase. C+terminal	Immunogen	Synthesized peptide derived from human NDR1/2
Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Tissue Specificity Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a probein eractions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphoryla	Specificity	This antibody detects endogenous levels of NDR1/2 at Human, Mouse,Rat
Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograph using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Tissue Specificity Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphorytetion. of Set-related threautophorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorytetion by an upstream kinase. Interactions betwee the actophorylated Thr-444 and the N-lobe interactions betwee the actophorylated Thr-444 and MOB2/HCCA2 to the N-terminal of STK38, similarity:Belongs to the protein kinase C-terminal	Formulation	Liquid in PBS containing 50% glycerol, and 0.37% sodium azide.
using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Tissue Specificity Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.cofactor:Magnesium.enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphonylated Thr-444 and the N-lobe promote additional structural changees that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.similarity:Belongs to the protein kinase Superfamily. AGC Ser/Thr prot kinase family.similarity:Contains 1 AGC-kinase C-terminal	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Nucleus. Cytoplasm. Tissue Specificity   Ubiquitously expressed with highest levels observed in peripheral blood leukocytes. catalytic activity:ATP + a protein = ADP + a phosphoproteincofactor:Magnesiumenzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38, similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. similarity:Contains 1 AGC-kinase C-terminal	Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Nucleus. Cytoplasm. Tissue Specificity   Ubiquitously expressed with highest levels observed in peripheral blood leukocytes. Event Structure and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent Thr-444 and the N-lobe promet additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38., similarity:Belongs to the protein kinase Superfamily. AGC Ser/Thr prof kinase familysimilarity:Contains 1 AGC-kinase C-terminal	Dilution	WB 1:500-2000
Storage Stability -20°C/1 year   Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Cell Pathway   Nucleus. Cytoplasm. Tissue Specificity   Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation of Ser-281. Thr-444 then undergoes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr pro- kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Concentration	1 mg/ml
Synonyms Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nucl Dbf2-related kinase 1)   Observed Band Nucleus. Cytoplasm.   Tissue Specificity Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr prot kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Purity	≥90%
Dbf2-related kinase 1)   Observed Band   Cell Pathway Nucleus. Cytoplasm.   Tissue Specificity Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.   Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Storage Stability	-20°C/1 year
Cell PathwayNucleus. Cytoplasm.Tissue SpecificityUbiquitously expressed with highest levels observed in peripheral blood leukocytes.Functioncatalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr prot kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Synonyms	Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nuclear Dbf2-related kinase 1)
Tissue SpecificityUbiquitously expressed with highest levels observed in peripheral blood leukocytes.Functioncatalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr prot kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Observed Band	
Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase c-terminal	Cell Pathway	Nucleus. Cytoplasm.
phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions betw phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by th binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr pro- kinase family.,similarity:Contains 1 AGC-kinase C-terminal	Tissue Specificity	
domain., similarity: Contains 1 protein kinase domain., subceilular location: Low	Function	phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding of S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions between phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein

## Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



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

	levels present in the cytoplasm.,subunit:Homodimeric S100B binds two molecules of STK38. Interacts with MOB1 and MOB2.,ti
Background	This gene encodes a member of the AGC serine/threonine kinase family of proteins. The kinase activity of this protein is regulated by autophosphorylation and phosphorylation by other upstream kinases. This protein has been shown to function in the cell cycle and apoptosis. This protein has also been found to regulate the protein stability and transcriptional activity of the MYC oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015],
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**

Nanjing BYabscience technology Co.,Ltd