



## GFPT1 rabbit pAb

using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol,extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain Seems to be selectively expressed in striated muscle.  Function catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function:Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of		
Reactivity Human; Mouse;Rat  Applications WB  Gene Name GFPT1 GFAT GFPT  Protein Name GFPT1  Immunogen Synthesized peptide derived from human GFPT1 AA range: 198-248  Specificity This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat  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 serum by affinity-chromatography using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol,extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brait Seems to be selectively expressed in striated muscle.  Function catalytic activity:1-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function: Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins, pathway:Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine 6-phosphate from D-fructose 6-phosphate: steep 1/1, similarity.Contains 1 glutamine amidotransferase type-2 domain, similarity.Contains 2 SIS domains, subunit:Homotetramer , tissue specificity!Isoform 1 is predominantly expressed in skeletal muscle. Not	Catalog No	BYab-11427
Applications WB Gene Name GFPT1 GFAT GFPT  Protein Name GFPT1  Immunogen Synthesized peptide derived from human GFPT1 AA range: 198-248  Specificity This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Puriffication The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol, extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brait Seems to be selectively expressed in striated muscle.  Function catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate in striated muscle.  Function catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins, pathway:Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine biosynthesis; D-glucosamine 6-phosphate from D-fructose 6-phosphate: step 1/1, similarity. Contains 1 glutamine amidotransferase type-2 domain, similarity. Contains 2 SIS domains, subunit-Homotetramer , tissue specificity isoform 1 is predominantly expressed in skeletal muscle. Not	Isotype	IgG
Gene Name GFPT1 GFAT GFPT  Protein Name GFPT1  Immunogen Synthesized peptide derived from human GFPT1 AA range: 198-248  Specificity This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat  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 serum by affinity-chromatography using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol, extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain Seems to be selectively expressed in striated muscle.  Function catalytic activity: L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function: Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of proteins. pathway: Nucleotide-sugar blosynthesis; UDP-N-acetyl-D-glucosamine biosynthesis; UDP-N-acetyl-D-glucosamine 2 SIS domain s, subunit: Homotetramer , tissue specificity is profeminantly expressed in skeletal muscle. Not	Reactivity	Human; Mouse;Rat
Protein Name GFPT1  Immunogen Synthesized peptide derived from human GFPT1 AA range: 198-248  Specificity This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat  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 serum by affinity-chromatography using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol, extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brait Seems to be selectively expressed in striated muscle.  Function catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function:Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of proteins. pathway. Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine 6-phosphate from D-fructose 6-phosphate: step 1/1, similarity:Contains 1 glutamine amildotransferase type-2 domain. similarity. Contains 2 SIS domains. subunit.Homotetramer ., tissue specificity!Isoform 1 is predominantly expressed in skeletal muscle. Not	Applications	WB
Immunogen         Synthesized peptide derived from human GFPT1 AA range: 198-248           Specificity         This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat           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 serum by affinity-chromatography using specific immunogen.           Dilution         WB 1: 500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         cytosol,extracellular exosome,           Tissue Specificity         Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain Seems to be selectively expressed in striated muscle.           Function         catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate from D-fructose 6-phosphate: step 1/1, similarity:Contains 1 glutamine amildotransferase type-2 domain, subunit.Homotetramer _tissue specificity:Isoform 1 is predominantly expressed in skeletal muscle. Not	Gene Name	GFPT1 GFAT GFPT
Specificity This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat  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 serum by affinity-chromatography using specific immunogen.  Dilution WB 1: 500-2000  Concentration 1 mg/ml  Purity ≥90% Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway cytosol, extracellular exosome,  Tissue Specificity Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brait Seems to be selectively expressed in striated muscle.  Function Catalytic activity: L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphatefunction: Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteinspathway: Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine biosynthesis; Dup-N-acetyl-D-glucosamine 6-phosphate from D-fructose 6-phosphate: step 1/1, similarity: Contains 1 glutamine a midotransferase type-2 domain, similarity: Contains 2 SIS domains, subunit: Homotetramer, tissue specificity: Isoform 1 is predominantly expressed in skeletal muscle. Not	Protein Name	GFPT1
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 serum by affinity-chromatography using specific immunogen.  Dilution  WB 1: 500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  Cell Pathway  cytosol, extracellular exosome,  Tissue Specificity  Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brait Seems to be selectively expressed in striated muscle.  Function  catalytic activity: L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function: Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of precursors for N- and O-linked glycosylation of proteins, pathway: Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine biosynthesis; D-glucosamine 6-phosphate = ton D-fructose 6-phosphate: step 1/1., similarity: Contains 1 glutamine amidotransferase type-2 domain., similarity: Contains 2 SIS domains, subunit: homoterramer , tissue specificity: Isoform 1 is predominantly expressed in skeletal muscle. Not	Immunogen	Synthesized peptide derived from human GFPT1 AA range: 198-248
Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.         Dilution       WB 1: 500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Observed Band         Cell Pathway       cytosol,extracellular exosome,         Tissue Specificity       Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain Seems to be selectively expressed in striated muscle.         Function       catalytic activity:L-glutamine + D-fructose 6-phosphate = L-glutamate + D-glucosamine 6-phosphate, function:Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins. pathway. Nucleotide-sugar biosynthesis; UDP-N-acetyl-D-glucosamine biosynthesis; D-glucosamine 6-phosphate from D-fructose 6-phosphate: step 1/1., similarity:Contains 1 glutamine amidotransferase type-2 domain., similarity:Contains 2 SIS domains., subunit. Homotetramer ., tissue specificity:Isoform 1 is predominantly expressed in skeletal muscle. Not	Specificity	This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat
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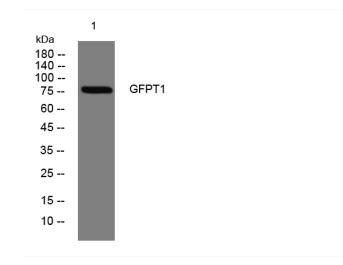


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Background	This gene encodes the first and rate-limiting enzyme of the hexosamine pathway and controls the flux of glucose into the hexosamine pathway. The product of this gene catalyzes the formation of glucosamine 6-phosphate. [provided by RefSeq, Sep 2008],
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 lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night

Nanjing BYabscience technology Co.,Ltd

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