



# GFPT1 rabbit pAb

<b>Catalog No</b>	YP-Ab-11427
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB
<b>Gene Name</b>	GFPT1 GFAT GFPT
<b>Protein Name</b>	GFPT1
<b>Immunogen</b>	Synthesized peptide derived from human GFPT1 AA range: 198-248
<b>Specificity</b>	This antibody detects endogenous levels of GFPT1 at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit, IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	cytosol, extracellular exosome,
<b>Tissue Specificity</b>	Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain. Seems to be selectively expressed in striated muscle.
<b>Function</b>	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 expressed in brain. Seems to be selectively expressed in striated muscle.
<b>Background</b>	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

