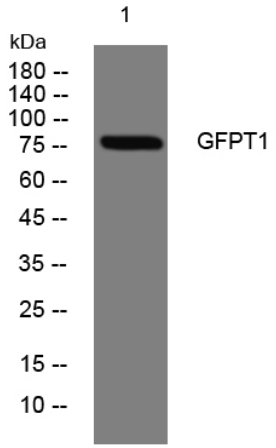
GFPT1 rabbit pAb

Catalog No	BYab-11427
Isotype	IgG
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 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 expressed in brain. Seems to be selectively expressed in striated muscle.,

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