

Rabbit GFPT1 / GFAT Polyclonal Antibody | anti-GFPT1 antibody

Rabbit Polyclonal to Human GFPT1 / GFAT

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51191	Rabbit	Bat, Gibbon, Bovine, Chimpanzee, Chicken, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat	Immunohistochemistry

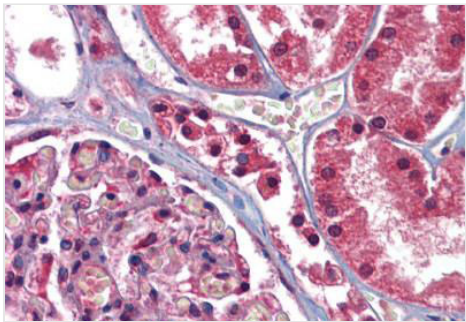
PRODUCT SYNONYMS

GFPT1 / GFAT; Polyclonal Antibody; Rabbit Polyclonal to Human GFPT1 / GFAT; Anti-GFPT1 / GFAT Antibody (N-Terminus) IHC-plus; GFPT1; GFA; GFPT; GFAT; GFAT1; GFAT1m; MSLG; CMSTA1; GFAT 1; GFPT1L; Human GFPT1; anti-GFPT1 antibody

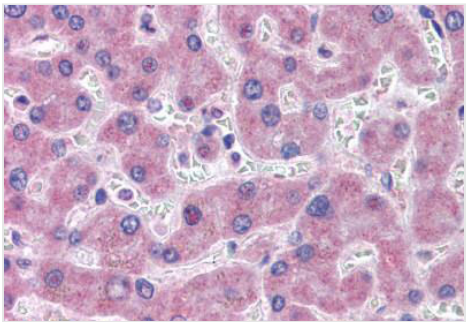
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Chimpanzee, Chicken, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat
Clonality	Polyclonal
Specificity	Human GFPT1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	681
Applicable Applications for anti-GFPT1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 12 amino acid peptide from N-Terminus of human GFPT1.
Immunogen Type	Synthetic peptide
Immunogen	GFPT1 / GFAT antibody was raised against synthetic 12 amino acid peptide from N-Terminus of human GFPT1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Dog, Bat, Horse, Pig, Opossum, Guinea pig, Zebra finch, Chicken (100%); Turkey, Platypus (92%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GFPT1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GFPT1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GFPT1 antibody	Glutamine-fructose-6-phosphate transaminase 1 is the first and rate-limiting enzyme of the hexosamine pathway. GFAT controls the flux of glucose into the hexosamine pathway and catalyzes the formation of glucosamine 6-phosphate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205277386
NCBI GeneID	2673
NCBI Accession #	NP_002047.2
NCBI GenBank Nucleotide #	NM_002056.3
UniProt Accession #	Q06210; Q53QE6; Q9BXF8
Molecular Weight	76,759 Da
NCBI Official Full Name	glutamine--fructose-6-phosphate aminotransferase
NCBI Official Synonym Full Names	glutamine--fructose-6-phosphate transaminase 1
NCBI Official Symbol	GFPT1
NCBI Official Synonym Symbols	GFA; GFAT; GFPT; MSLG; GFAT1; CMSTA1; GFAT 1; GFAT1m; GFPT1L
NCBI Protein Information	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1; glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1; hexosephosphate aminotransferase 1; D-fructose-6-phosphate amidotransferase 1; glutamine:fructose-6-phosphate amidotransferase 1; glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1
UniProt Protein Name	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1
UniProt Gene Name	GFPT1
UniProt Synonym Gene Names	GFAT; GFPT; GFAT 1; GFAT1
UniProt Entry Name	GFPT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.