

Rabbit GFPT1 / GFAT Polyclonal Antibody | anti-GFPT1 antibody

Rabbit Polyclonal to Human GFPT1 / GFAT

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51531	Rabbit	Gibbon, Bovine, Chimpanzee, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Bat, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

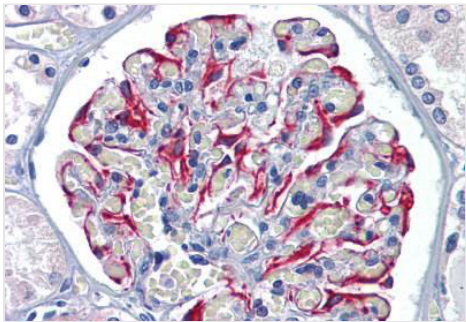
PRODUCT SYNONYMS

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

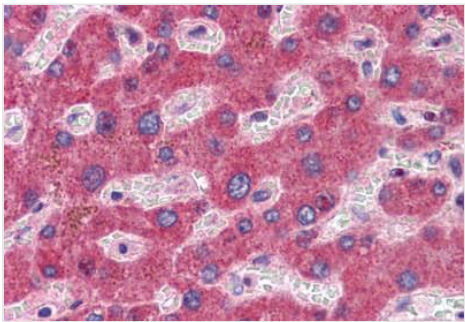
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Chimpanzee, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Bat, Dog (at least 90% immunogen sequence identity)
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 14 amino acid peptide from C-Terminus of human GFPT1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Bovine, Horse, Pig, Opossum.
Immunogen Type	Synthetic peptide
Immunogen	GFPT1 / GFAT antibody was raised against synthetic 14 amino acid peptide from C-Terminus of human GFPT1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Bovine, Horse, Pig, Opossum, Guinea pig (100%); Dog, Bat (93%); Turkey, Zebra finch, Chicken (86%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

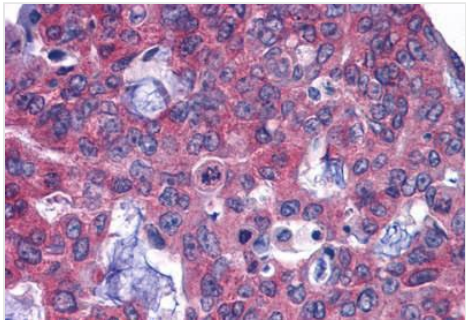
IMAGES



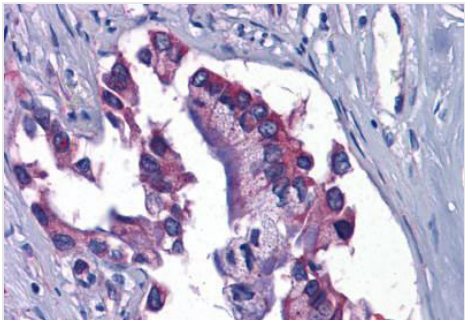
IHC (Immunohistochemistry)
Anti-GFPT1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



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



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



IHC (Immunohistochemistry)
Anti-GFPT1 / GFAT antibody IHC of human Pancreas, Carcinoma. 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gfpt1-gfat-antibody-immunohistochemistry-elisa/51531>