

Rabbit GFPT2 Polyclonal Antibody | anti-GFPT2 antibody

GFPT2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199071	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

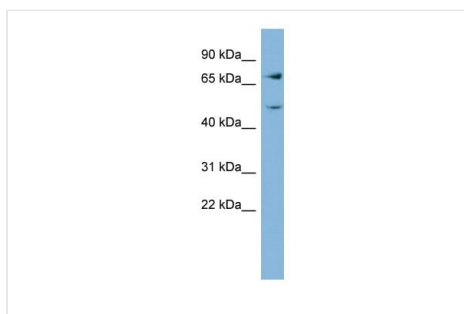
PRODUCT SYNONYMS

GFPT2; Polyclonal Antibody; GFPT2 antibody - middle region; anti-GFPT2 antibody

PRODUCT SPECIFICATIONS

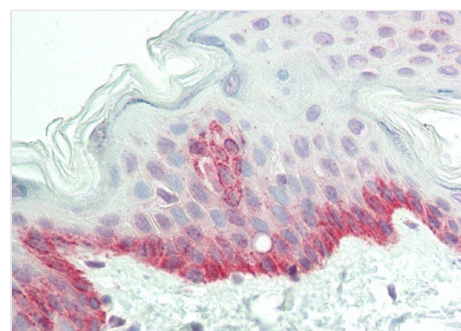
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TA RQGRPIILCS KDDTESSKFA YKTIELPHTV DCLQGILSVI PLQLLSFH
Sequence Length	682
Applicable Applications for anti-GFPT2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GFPT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GFPT2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: HT1080 cell lysate
 GFPT2 is supported by BioGPS gene expression data to be expressed in HT1080



IHC (Immunohistochemistry)

Rabbit Anti-GFPT2 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Skin
 Primary antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20x
 Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-GFPT2 antibody	This is a rabbit polyclonal antibody against GFPT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GFPT2 controls the flux of glucose into the hexosamine pathway. GFPT2 is most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins.
Product Categories/Family for anti-GFPT2 antibody	Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826742
NCBI GeneID	9945
NCBI Accession #	NP_005101
NCBI GenBank Nucleotide #	NM_005110
UniProt Accession #	O94808
Molecular Weight	77kDa
NCBI Official Full Name	glutamine--fructose-6-phosphate aminotransferase
NCBI Official Synonym Full Names	glutamine-fructose-6-phosphate transaminase 2
NCBI Official Symbol	GFPT2
NCBI Official Synonym Symbols	GFAT; GFAT2; GFAT 2
NCBI Protein Information	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2
UniProt Protein Name	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2
UniProt Gene Name	GFPT2
UniProt Synonym Gene Names	GFAT 2; GFAT2
UniProt Entry Name	GFPT2_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://stage.aaabiotech.com/polyclonal/gfpt2-antibody-western-blot-elisa/199071>