

Rabbit GPD1 Polyclonal Antibody | anti-GPD1 antibody

GPD1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199074	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GPD1; Polyclonal Antibody; GPD1 antibody - N-terminal region; anti-GPD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
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 located within the following region: KA NATGISLIKG VDEGPNGKLK ISEVIGERLG IPMSVLMGAN IASEVADE
Sequence Length	349
Applicable Applications for anti-GPD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GPD1
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-GPD1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human Lung



IHC (Immunohistochemistry)

Rabbit Anti-GPD1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
Observed Staining: Cytoplasm in bile ductule
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GPD1 antibody	This is a rabbit polyclonal antibody against GPD1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GPD1 belongs to the NAD-dependent glycerol-3-phosphate dehydrogenase family. The gene encoding GpD1 protein is a weight-loss-responsive gene in skeletal muscle. Its observed transcriptional modulation may decrease triglyceride synthesis, with weight loss.
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Product Categories/Family for anti-GPD1 antibody

Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	33695088
NCBI GeneID	2819
NCBI Accession #	NP_005267
NCBI GenBank Nucleotide #	NM_005276
UniProt Accession #	P21695
Molecular Weight	37kDa
NCBI Official Full Name	glycerol-3-phosphate dehydrogenase
NCBI Official Synonym Full Names	glycerol-3-phosphate dehydrogenase 1
NCBI Official Symbol	GPD1
NCBI Official Synonym Symbols	GPD-C; HTGTI; GPDH-C
NCBI Protein Information	glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
UniProt Protein Name	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
UniProt Gene Name	GPD1
UniProt Synonym Gene Names	GPD-C; GPDH-C
UniProt Entry Name	GPDA_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/gpd1-antibody-immunohistochemistry-western-blot-elisa/199074>