

Rabbit GPD2 Polyclonal Antibody | anti-GPD2 antibody

GPD2 Polyclonal Antibody

CATALOG # AAA173245	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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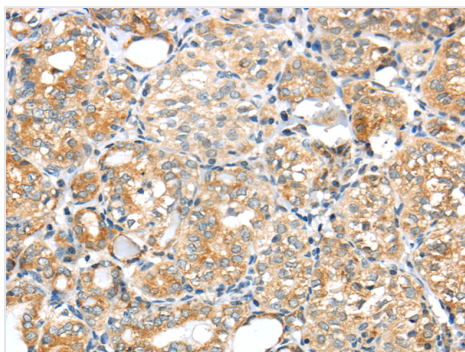
PRODUCT SYNONYMS

GPD2; Polyclonal Antibody; GPD2 Polyclonal Antibody; GDH2; GPDM; mGPDH; anti-GPD2 antibody

PRODUCT SPECIFICATIONS

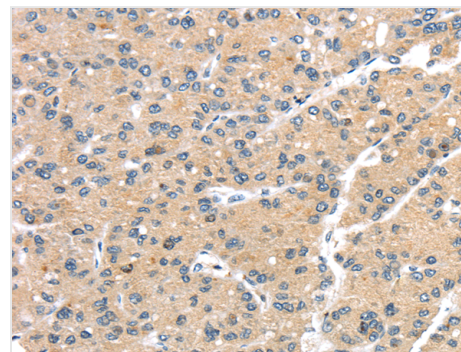
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.8mg/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-GPD2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human GPD2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161682
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using GPD2 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GPD2 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-GPD2 antibody	The protein encoded by this gene localizes to the inner mitochondrial membrane and catalyzes the conversion of glycerol-3-phosphate to dihydroxyacetone phosphate, using FAD as a cofactor. Along with GDP1, the encoded protein constitutes the glycerol phosphate shuttle, which reoxidizes NADH formed during glycolysis. Two transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18043793
NCBI GeneID	2820
Molecular Weight	67,531 Da
NCBI Official Full Name	GPD2 protein
NCBI Official Synonym Full Names	glycerol-3-phosphate dehydrogenase 2
NCBI Official Symbol	GPD2
NCBI Official Synonym Symbols	GDH2; GPDM; mGPDH
NCBI Protein Information	glycerol-3-phosphate dehydrogenase, mitochondrial
UniProt Protein Name	Glycerol-3-phosphate dehydrogenase, mitochondrial
UniProt Gene Name	GPD2
UniProt Synonym Gene Names	GPD-M; GPDH-M
UniProt Entry Name	GPDM_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/gpd2-antibody-immunohistochemistry-elisa/173245>