

Rabbit anti-Human GPD2 Polyclonal Antibody | anti-GPD2 antibody

GPD2 Antibody

CATALOG # AAA308968	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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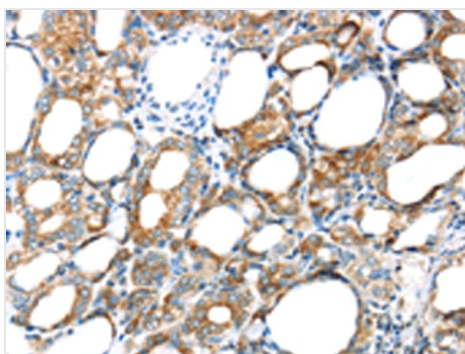
PRODUCT SYNONYMS

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

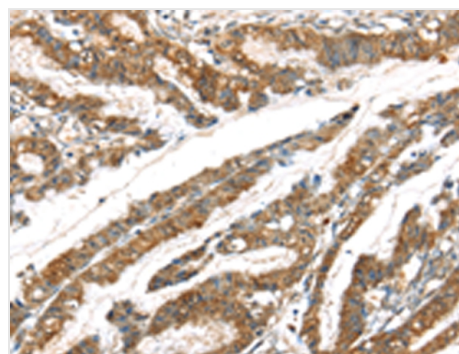
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GPD2 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.4 mg/ml (varies by lot)
Sequence Length	727
Applicable Applications for anti-GPD2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human GPD2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

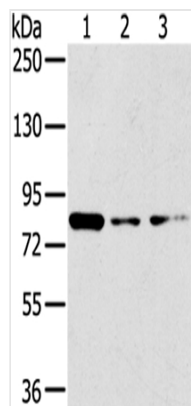
IMAGES


IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.


IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 6%SDS-PAGE Lysate: 40 μ g Lane 1-3: A172 cells, 231 cells, HeLa cells, Primary antibody: 1/200 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 30 seconds

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.
Product Categories/Family for anti-GPD2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	285002233
NCBI GeneID	2820
NCBI Accession #	NP_000399.3
NCBI GenBank Nucleotide #	NM_000408.4
UniProt Accession #	P43304 ; Q59FR1 ; Q9HAP9 ; A8K4V0 ; B3KSA9
Molecular Weight	67,531 Da
NCBI Official Full Name	glycerol-3-phosphate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	glycerol-3-phosphate dehydrogenase 2
NCBI Official Symbol	GPD2
NCBI Official Synonym Symbols	GDH2; GPDH; 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-western-blot-elisa/308968>