

Rabbit GPD2 Polyclonal Antibody | anti-GPD2 antibody

GPD2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199415	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

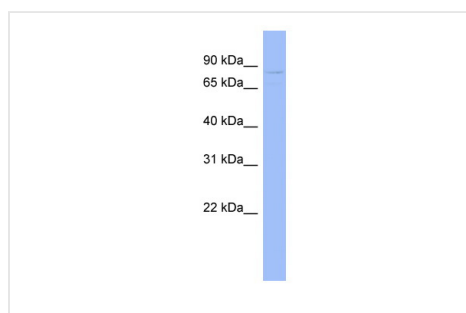
PRODUCT SYNONYMS

GPD2; Polyclonal Antibody; GPD2 antibody - N-terminal region; anti-GPD2 antibody

PRODUCT SPECIFICATIONS

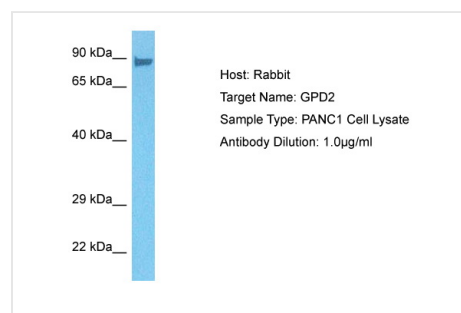
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DI LVIGGGATGS GCALDAVTRG LKTALVERDD FSSGTSSRST KLIHGGVR
Sequence Length	727
Applicable Applications for anti-GPD2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GPD2
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-GPD2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: OVCAR-3 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: GPD2
Sample Tissue: Human PANC1 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GPD2 antibody	This is a rabbit polyclonal antibody against GPD2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 phosph
Product Categories/Family for anti-GPD2 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	285002233
NCBI GeneID	2820
NCBI Accession #	NP_000399
NCBI GenBank Nucleotide #	NM_000408
UniProt Accession #	P43304
Molecular Weight	81kDa
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; 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.