

Rabbit anti-Human, mouse GPD1L Polyclonal Antibody | anti-GPD1L antibody

GPD1L Antibody (N-term)

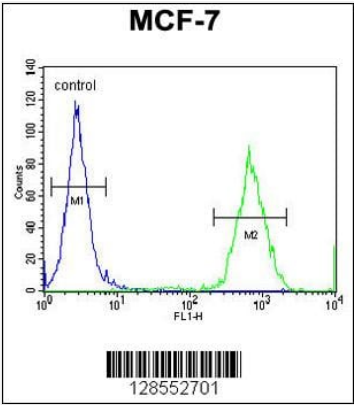
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285062	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

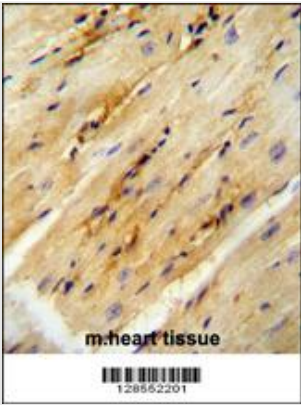
GPD1L; Polyclonal Antibody; GPD1L Antibody (N-term); Glycerol-3-phosphate dehydrogenase 1-like protein; GPD1-L; KIAA0089; anti-GPD1L antibody

PRODUCT SPECIFICATIONS

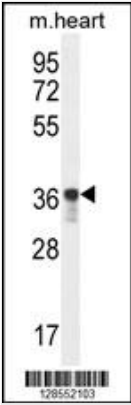
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPD1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-73 amino acids from the N-terminal region of human GPD1L.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	44-73
Sequence Length	351
Applicable Applications for anti-GPD1L antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



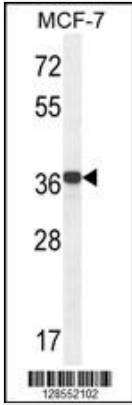
FCM/FACS (Flow Cytometry)
GPD1L Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
GPD1L antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPD1L antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GPD1L Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the GPD1L antibody detected the GPD1L protein (arrow).



WB (Western Blot)
GPD1L Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the GPD1L antibody detected the GPD1L protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPD1L antibody	The protein encoded by this gene catalyzes the conversion of sn-glycerol 3-phosphate to glycerone phosphate. The encoded protein is found in the cytoplasm, associated with the plasma membrane, where it binds the sodium channel, voltage-gated, type V, alpha subunit (SCN5A). Defects in this gene are a cause of Brugada syndrome type 2 (BRS2) as well as sudden infant death syndrome (SIDS).
Product Categories/Family for anti-GPD1L antibody	Cell Biology; Metabolism; Signal transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Liu, M., et al. Circ. Res. 105(8):737-745(2009) Valdivia, C.R., et al. Am. J. Physiol. Heart Circ. Physiol. 297 (4), H1446-H1452 (2009) : Makiyama, T., et al. Circ. J. 72(10):1705-1706(2008) London, B., et al. Circulation 116(20):2260-2268(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307999
NCBI GeneID	23171

NCBI Accession #	NP_055956.1
NCBI GenBank Nucleotide #	NM_015141.3
UniProt Accession #	Q8N335 ; Q14702 ; Q9BRM5 ; A8K9U3
Molecular Weight	38419
NCBI Official Full Name	glycerol-3-phosphate dehydrogenase 1-like protein
NCBI Official Synonym Full Names	glycerol-3-phosphate dehydrogenase 1-like
NCBI Official Symbol	GPD1L
NCBI Official Synonym Symbols	GPD1-L
NCBI Protein Information	glycerol-3-phosphate dehydrogenase 1-like protein
UniProt Protein Name	Glycerol-3-phosphate dehydrogenase 1-like protein
UniProt Gene Name	GPD1L
UniProt Synonym Gene Names	KIAA0089; GPD1-L
UniProt Entry Name	GPD1L_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpd1l-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285062>