



GPD1L Mouse mAb

Catalog No	YP-mAb-18577
Isotype	IgG
Reactivity	Human, Mouse
Applications	WB
Gene Name	GPD1L KIAA0089
Protein Name	Glycerol-3-phosphate dehydrogenase 1-like protein (GPD1-L) (EC 1.1.1.8)
Immunogen	Synthesized peptide derived from human GPD1L
Specificity	This antibody detects endogenous levels of GPD1L at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	39kD
Cell Pathway	Cytoplasm . Localized to the region of the plasma membrane.
Tissue Specificity	Most highly expressed in heart tissue, with lower levels in the skeletal muscle, kidney, lung and other organs.
Function	Plays a role in regulating cardiac sodium current; decreased enzymatic activity with resulting increased levels of glycerol 3-phosphate activating the GPD1L-dependent SCN5A phosphorylation pathway, may ultimately lead to decreased sodium current; cardiac sodium current may also be reduced due to alterations of NAD(H) balance induced by GPD1L.
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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