

# GPLD1 rabbit monoclonal antibody

Catalog # H00002822-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human GPLD1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human GPLD1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human GPLD1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — GPLD1

Entrez GeneID	<a href="#">2822</a>
GeneBank Accession#	<a href="#">GPLD1</a>
Gene Name	GPLD1
Gene Alias	GPIPLD, GPIPLDM, MGC22590, PIGPLD, PIGPLD1
Gene Description	glycosylphosphatidylinositol specific phospholipase D1
Omim ID	<a href="#">602515</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many blood cells. The protein encoded by this gene is a GPI degrading enzyme. Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane. [provided by RefSeq]
Other Designations	GPI-specific phospholipase D OTTHUMP00000017721 OTTHUMP00000017722 OTTHUMP0000039407 glycoprotein phospholipase D glycosylphosphatidylinositol-specific phospholipase D glycosylphosphatidylinositol specific phospholipase D1, isoform 2 phospholipase D, pho

## Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)

## Disease

- [Disease Progression](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)