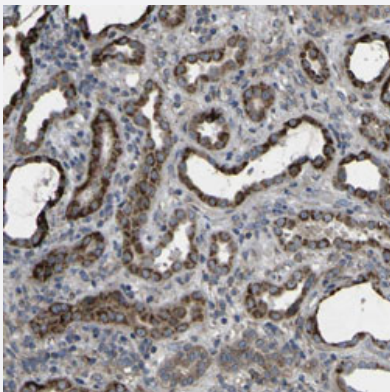


GPLD1 polyclonal antibody

Catalog # PAB30455 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GPLD1 polyclonal antibody (Cat # PAB30455) shows strong cytoplasmic positivity in cells of tubules at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GPLD1.
Immunogen	Recombinant protein corresponding to human GPLD1.
Sequence	FWSTNYHLTSFMLENGTSDCNLPENPLFIACGGQQNHTQGSKMQKNDFHRNLTTSLTESVDRNIN YTERGVFFSVNSWTPDSMSFIYKALERNIRTMTFIGGSQLSQKHVSS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — GPLD1

Entrez GeneID[2822](#)**Protein Accession#**[P80108](#)**Gene Name**

GPLD1

Gene Alias

GPIPLD, GPIPLDM, MGC22590, PIGPLD, PIGPLD1

Gene Description

glycosylphosphatidylinositol specific phospholipase D1

Omim ID[602515](#)**Gene Ontology**[Hyperlink](#)**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, phospholipase D1

Pathway

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

Disease

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