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GPLD1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15333

Product Information

Application	WB
Primary Accession	P80108
Other Accession	NM_001503, NP_001494
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92336

Additional Information

Gene ID	2822
Alias Symbol	GPIPLD, GPIPLDM, MGC22590, PIGPLD, PIGPLD1
Other Names	Phosphatidylinositol-glycan-specific phospholipase D, PI-G PLD, 3.1.4.50, Glycoprotein phospholipase D, Glycosyl-phosphatidylinositol-specific phospholipase D, GPI-PLD, GPI-specific phospholipase D, GPLD1, PIGPLD1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GPLD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GPLD1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

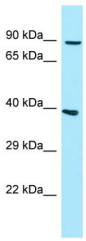
Name	GPLD1 (HGNC:4459)
Synonyms	PIGPLD1
Function	Hydrolyzes the inositol phosphate linkage of glycosylphosphatidylinositol (GPI)-anchored membrane proteins, thereby releasing them from the cell surface. Cleaves on the inositol side of the anchor, leaving the phosphate group attached to the membrane (PubMed:17720976, PubMed:2760042). This release of GPI-anchored proteins can modulate diverse biological processes, including the activation of signaling pathways (PubMed:17720976).

Cellular Location	Secreted. Note=Associated with the High-Density Lipoproteins (HDL) {ECO:0000250|UniProtKB:P80109}

References

Tsang T.C.,et al.FASEB J. 6:A1922-A1922(1992).
Schofield J.N.,et al.Biochim. Biophys. Acta 1494:189-194(2000).
Tang J.H.,et al.Hunan Yi Ke Da Xue Xue Bao 26:96-97(2001).
Mungall A.J.,et al.Nature 425:805-811(2003).
Hoener M.C.,et al.Eur. J. Biochem. 206:747-757(1992).

Images



WB Suggested Anti-GPLD1 Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole CellGPLD1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.