

Rabbit anti-Human GPLD1 Polyclonal Antibody | anti-GPLD1 antibody

GPLD1 Antibody (C-term)

CATALOG # AAA289939	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

GPLD1; Polyclonal Antibody; GPLD1 Antibody (C-term); Phosphatidylinositol-glycan-specific phospholipase D; PI-G PLD; Glycoprotein phospholipase D; Glycosyl-phosphatidylinositol-specific phospholipase D; GPI-PLD; GPI-specific phospholipase D; PIGPLD1; anti-GPLD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPLD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 679-709 amino acids from the C-terminal region of human GPLD1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	679-709
Sequence Length	176
Applicable Applications for anti-GPLD1 antibody	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.

IMAGES



IHC (Immunohistochemistry)

GPLD1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPLD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

GPLD2-R694 western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the GPLD2 antibody detected the GPLD2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPLD1 antibody	GPLD1 is expressed in numerous tissues and cells and specifically cleaves GPI-anchored proteins. Liver has the highest level of GPI-PLD expression and is the primary organ contributing to GPLD1 in the serum. GPLD1 is abundant in serum in which it associates with polipoproteins AI and AIV. Increased serum GPLD1 is associated with insulin resistance and elevated serum triglycerides. Many surface proteins are attached to eukaryotic cell membranes via glycosylphosphatidylinositol (GPI) anchors that are covalently bound to the C-terminus of the protein and cleavage of the GPI moiety by GPLD1, only enzyme known that cleavage GPI anchor, may represent a means of regulating attachment of these proteins to the cell surface, or alternatively, their release into the extracellular environment.
Product Categories/Family for anti-GPLD1 antibody	Cardiovascular
References	Tsang, T.C., et al., FASEB J. 6, A1922-A1922 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29171717
NCBI GeneID	2822
NCBI Accession #	NP_001494.2
NCBI GenBank Nucleotide #	NM_001503.3
UniProt Accession #	P80108; Q15127; Q15128; Q2M2F2; Q5T3Y0; Q7Z6T8; Q8TCV0; Q8WW82; Q96ID6; Q9H167; Q9H4M1; Q9UJC9
Molecular Weight	92336
NCBI Official Full Name	phosphatidylinositol-glycan-specific phospholipase D
NCBI Official Synonym Full Names	glycosylphosphatidylinositol specific phospholipase D1
NCBI Official Symbol	GPLD1
NCBI Official Synonym Symbols	PLD; GPIPLD; PIGPLD; GPIPLDM; PIGPLD1
NCBI Protein Information	phosphatidylinositol-glycan-specific phospholipase D
UniProt Protein Name	Phosphatidylinositol-glycan-specific phospholipase D
UniProt Gene Name	GPLD1
UniProt Synonym Gene Names	PIGPLD1; PI-G PLD; GPI-PLD; GPI-specific phospholipase D
UniProt Entry Name	PHLD_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/gpld1-antibody-immunohistochemistry-western-blot-elisa/289939>