

Product datasheet for TA376713S

GPLD1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:100 IF,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 24-160 of

human GPLD1 (NP 001494.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 19kDa/92kDa

Gene Name: glycosylphosphatidylinositol specific phospholipase D1

Database Link: Entrez Gene 2822 Human

P80108

Background: 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.



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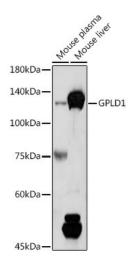
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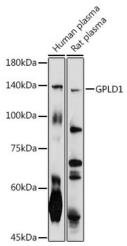
Synonyms:

GPIPLD; GPIPLDM; MGC22590; PIGPLD; PIGPLD1

Product images:

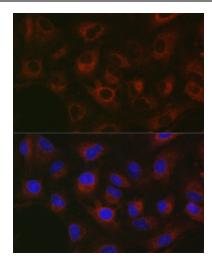


Western blot analysis of extracts of various cell lines, using GPLD1 antibody ([TA376713]) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit.|Exposure time: 10s.

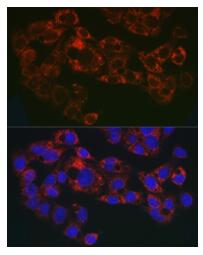


Western blot analysis of extracts of various cell lines, using GPLD1 antibody ([TA376713]) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Enhanced Kit.|Exposure time: 90s.





Immunofluorescence analysis of A-549 cells using GPLD1 Rabbit pAb ([TA376713]) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using GPLD1 Rabbit pAb ([TA376713]) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.