

GPLD1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16918c

Specification

GPLD1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P80108](#)

GPLD1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2822

Other Names

Phosphatidylinositol-glycan-specific phospholipase D, PI-G PLD, Glycoprotein phospholipase D, Glycosyl-phosphatidylinositol-specific phospholipase D, GPI-PLD, GPI-specific phospholipase D, GPLD1, PIGPLD1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GPLD1 Antibody (Center) Blocking Peptide - Protein Information

Name GPLD1

Synonyms PIGPLD1

Function

This protein hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans (GPI-anchor) thus releasing these proteins from the membrane.

Cellular Location

Secreted.

GPLD1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GPLD1 Antibody (Center) Blocking Peptide - Images

GPLD1 Antibody (Center) Blocking Peptide - 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.

GPLD1 Antibody (Center) Blocking Peptide - References

Speliotes, E.K., et al. Hepatology 52(3):904-912(2010) Tang, J.H., et al. Clin. Biochem. 42 (4-5), 400-407 (2009) :Yuan, X., et al. Am. J. Hum. Genet. 83(4):520-528(2008) Wright, M.H., et al. Biochem. Biophys. Res. Commun. 369(2):478-484(2008) Shi, M., et al. Cancer Lett. 258(2):268-275(2007)