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# CLPTM1L Antibody (C-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP9573b**

## Specification

### CLPTM1L Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96KA5

### CLPTM1L Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID** 81037

**Other Names**
Cleft lip and palate transmembrane protein 1-like protein, CLPTM1-like protein, Cisplatin resistance-related protein 9, CRR9p, CLPTM1L, CRR9

**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.

### CLPTM1L Antibody (C-term) Blocking Peptide - Protein Information

**Name** CLPTM1L

**Synonyms** CRR9

**Function**
Scramblase that mediates the translocation of glucosaminylphosphatidylinositol (alpha-D-GlcN-(1-6)-(1,2-diacyl-sn- glycero-3-phospho)-1D-myo-inositol, GlcN-PI) across the endoplasmic reticulum (ER) membrane, from the cytosolic leaflet to the luminal leaflet of the ER membrane, where it participates in the biosynthesis of glycosylphosphatidylinositol (GPI) (PubMed:<a href="http://www.uniprot.org/citations/35344438" target="_blank">35344438</a>). GPI is a lipid glycoconjugate involved in post-translational modification of proteins (PubMed:<a href="http://www.uniprot.org/citations/35344438" target="_blank">35344438</a>). Can also translocate 1,2-diacyl-sn-glycero-3- phospho-(1D-myo-inositol) (phosphatidylinositol or PI), as well as several other phospholipids (1,2-diacyl-sn-glycero-3-phosphocholine, 1,2-diacyl-sn-glycero-3-phosphoethanolamine), and N- acetylglucosaminylphosphatidylinositol (GlcNAc-PI) in vitro (PubMed:<a href="http://www.uniprot.org/citations/35344438" target="_blank">35344438</a>).

**Cellular Location**
Endoplasmic reticulum membrane; Multi-pass membrane protein

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**Tissue Location**
Ubiquitously expressed.

## CLPTM1L Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

## CLPTM1L Antibody (C-term) Blocking Peptide - Images

## CLPTM1L Antibody (C-term) Blocking Peptide - Background

CLPTM1L enhances cisplatin-mediated apoptosis, when overexpressed.

## CLPTM1L Antibody (C-term) Blocking Peptide - References

??etersen, G.M., et al. Nat. Genet. 42(3):224-228(2010)??ang, Y., et al. Carcinogenesis 31(2):234-238(2010)??andi, M.T., et al. Am. J. Hum. Genet. 85(5):679-691(2009)??hapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009)??roderick, P., et al. Cancer Res. 69(16):6633-6641(2009)