

CLPTM1L Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9573b**Specification**

CLPTM1L Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:35344438). GPI is a lipid glycoconjugate involved in post-translational modification of proteins (PubMed:35344438). 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:35344438).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

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

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