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CLPTM1L Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9573b

Specification

CLPTM1L Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q96KA5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**62229**
Antigen Region	**509-538**

CLPTM1L Antibody (C-term) - 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

Target/Specificity
This CLPTM1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 509-538 amino acids from the C-terminal region of human CLPTM1L.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CLPTM1L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CLPTM1L Antibody (C-term) - 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

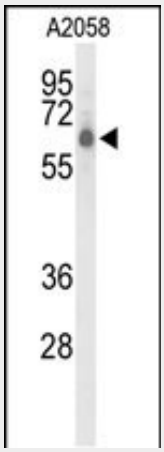
Tissue Location
Ubiquitously expressed.

CLPTM1L Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CLPTM1L Antibody (C-term) - Images



Western blot analysis of CLPTM1L Antibody (C-term) (Cat. #AP9573b) in A2058 cell line lysates (35ug/lane). CLPTM1L (arrow) was detected using the purified Pab.

CLPTM1L Antibody (C-term) - Background

CLPTM1L enhances cisplatin-mediated apoptosis, when overexpressed.

CLPTM1L Antibody (C-term) - References

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