

CLPTM1 Rabbit mAb
Catalog # AP75273**Specification**

CLPTM1 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	O96005
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	76097

CLPTM1 Rabbit mAb - Additional Information**Gene ID** 1209**Other Names**
CLPTM1**Dilution**
WB~~1/500-1/1000
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**CLPTM1 Rabbit mAb - Protein Information****Name** CLPTM1

Function
Involved in GABAergic but not glutamatergic transmission. Binds and traps GABAA receptors in the endoplasmic reticulum (ER). Modulates postsynaptic GABAergic transmission, and therefore inhibitory neurotransmission, by reducing the plasma membrane expression of these receptors. Altered GABAergic signaling is one among many causes of cleft palate (By similarity). Might function as a lipid scramblase, translocating lipids in membranes from one leaflet to the other one (By similarity). Required for efficient glycosylphosphatidylinositol (GPI) inositol deacylation in the ER, which is a crucial step to switch GPI- anchored proteins (GPI-APs) from protein folding to transport states (PubMed:29255114). May play a role in T-cell development (By similarity).

Cellular Location
Membrane; Multi-pass membrane protein**Tissue Location**
Widely expressed..

CLPTM1 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLPTM1 Rabbit mAb - Images

