

CLPTM1 Polyclonal Antibody
Catalog # AP69163**Specification**

CLPTM1 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	O96005
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal

CLPTM1 Polyclonal Antibody - Additional Information**Gene ID** 1209**Other Names**

CLPTM1; Cleft lip and palate transmembrane protein 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CLPTM1 Polyclonal Antibody - 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

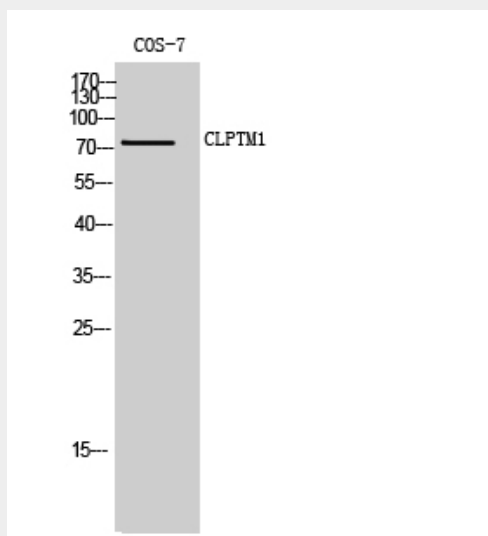
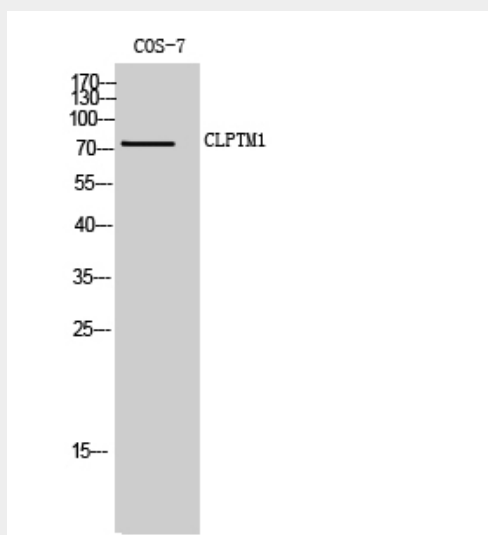
Widely expressed..

CLPTM1 Polyclonal Antibody - 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 Polyclonal Antibody - Images



CLPTM1 Polyclonal Antibody - Background

May play a role in T-cell development.