

# CLPTM1 Rabbit mAb

Catalog # AP75273

## Product Information

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Application	WB, IP
Primary Accession	<a href="#">O96005</a>
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	76097

## Additional Information

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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.

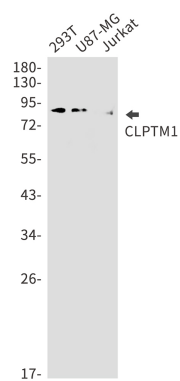
## Protein Information

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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: <a href="#">29255114</a> ). May play a role in T-cell development (By similarity).
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Widely expressed..

## Images

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