

# MTMR1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56881

## Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q13613</a>
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74678

## Additional Information

Gene ID	8776
Other Names	Myotubularin-related protein 1, Phosphatidylinositol-3, 5-bisphosphate 3-phosphatase, 3.1.3.95, Phosphatidylinositol-3-phosphate phosphatase, 3.1.3.64, MTMR1 ( <a href="#">HGNC:7449</a> )
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

Name	MTMR1 ( <a href="#">HGNC:7449</a> )
Function	Lipid phosphatase that specifically dephosphorylates the D-3 position of phosphatidylinositol 3-phosphate, generating phosphatidylinositol (PubMed: <a href="#">11733541</a> , PubMed: <a href="#">27018598</a> ). Could also dephosphorylate phosphatidylinositol 3,5-bisphosphate to produce phosphatidylinositol 5-phosphate (PubMed: <a href="#">27018598</a> ).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q9Z2C4}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q9Z2C4}; Cytoplasmic side {ECO:0000250 UniProtKB:Q9Z2C4}. Cytoplasm {ECO:0000250 UniProtKB:Q9Z2C4}