

MTMR1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56881**Specification**

MTMR1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q13613
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74678

MTMR1 Polyclonal Antibody - 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=7449)
target="_blank">HGNC:7449)

Format

0.01M TBS(pH7.4), 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.

MTMR1 Polyclonal Antibody - Protein Information**Name** MTMR1 ([HGNC:7449](#))**Function**

Lipid phosphatase that has high specificity for phosphatidylinositol 3-phosphate and has no activity with phosphatidylinositol 4-phosphate, phosphatidylinositol (4,5)- bisphosphate and phosphatidylinositol (3,4,5)-trisphosphate (PubMed:[11733541](http://www.uniprot.org/citations/11733541), PubMed:[27018598](http://www.uniprot.org/citations/27018598)). Activity with phosphatidylinositol (3,5)-bisphosphate is controversial; it has been shown by PubMed:[27018598](http://www.uniprot.org/citations/27018598), while PubMed:[11733541](http://www.uniprot.org/citations/11733541) find no activity with this substrate.

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}

MTMR1 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](#)

MTMR1 Polyclonal Antibody - Images