

MTMR7 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15516**Specification**

MTMR7 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q9Y216
Other Accession	NM_004686 , NP_004677
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73kDa KDa

MTMR7 Antibody - C-terminal region - Additional Information**Gene ID** 9108**Other Names**

Myotubularin-related protein 7, 3.1.3.-, MTMR7

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MTMR7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MTMR7 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MTMR7 Antibody - C-terminal region - Protein Information**Name** MTMR7 ([HGNC:7454](#))**Function**

Lipid phosphatase that specifically dephosphorylates the D-3 position of phosphatidylinositol 3-phosphate (PtdIns(3)P) and inositol 1,3-bisphosphate (Ins(1,3)P2).

Cellular Location

Cytoplasm. Endomembrane system {ECO:0000250|UniProtKB:Q9Z2C9}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9Z2C9}; Cytoplasmic side {ECO:0000250|UniProtKB:Q9Z2C9}. Note=May partially localize to endosomes and/or the Golgi apparatus. {ECO:0000250|UniProtKB:Q9Z2C9}

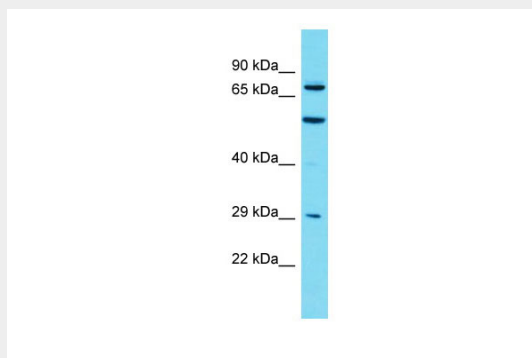
Tissue Location

Expressed specifically in brain.

MTMR7 Antibody - C-terminal region - 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](#)

MTMR7 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: MTMR7

Sample Tissue: HT1080 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

MTMR7 Antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Nusbaum C., et al. Nature 439:331-335(2006).
Laporte J., et al. Hum. Mol. Genet. 7:1703-1712(1998).
Lorenzo O., et al. J. Cell Sci. 119:2953-2959(2006).

MTMR7 Antibody - C-terminal region - Citations

- [Silencing myotubularin related protein 7 enhances proliferation and early differentiation of C2C12 myoblast.](#)