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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

Function
Phosphatase that specifically dephosphorylates 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}

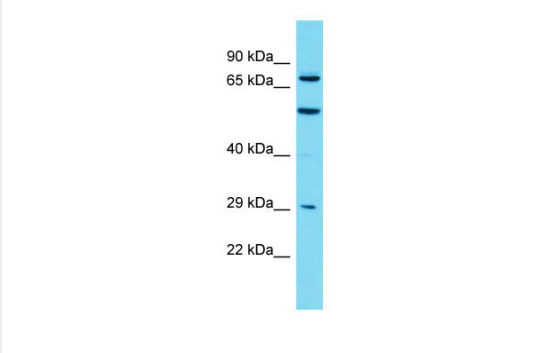
Tissue Location
Expressed specifically in brain.

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 Cytomety
- Cell Culture

MTMR7 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: MTMR7
Sample Tissue: HT1080 Whole cell lysate
s
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.