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MTMR7 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15516

Product Information

Application	WB
Primary Accession	Q9Y216
Other Accession	NM_004686, NP_004677
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75833

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.

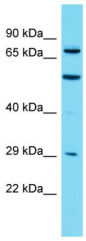
Protein Information

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.

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).

Images



Host: Rabbit
Target Name: MTMR7
Sample Tissue: HT1080 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Citations

- Silencing myotubularin related protein 7 enhances proliferation and early differentiation of C2C12 myoblast.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.