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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56274_P050-FITC
Product Page	www.avivasysbio.com/mtmr12-antibody-middle-region-fitc-arp56274-p050-fitc.html
Name	MTMR12 Antibody - middle region : FITC (ARP56274_P050-FITC)
Protein Size (# AA)	747 amino acids
Molecular Weight	86kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	54545
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Myotubularin related protein 12
Alias Symbols	3-PAP, PIP3AP
Peptide Sequence	Synthetic peptide located within the following region: RNSARLSSLFPPFALLQRHSSKPVLP TSGWKALGDEDDLAKREDEFVLDGD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Nandurkar,H.H., (2003) Proc. Natl. Acad. Sci. U.S.A. 100 (15), 8660-8665
Description of Target	MTMR12 inactivates phosphatase that plays a role as an adapter for the phosphatase myotubularin to regulate myotubularin intracellular location. Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined.
Protein Interactions	YWHAB; UBC; MTM1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MTMR12 (ARP56274_P050-FITC) antibody
Blocking Peptide	For anti-MTMR12 (ARP56274_P050-FITC) antibody is Catalog # AAP56274 (Previous Catalog # AAPP38239)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MTMR12
Uniprot ID	Q9C0I1
Protein Name	Myotubularin-related protein 12
Protein Accession #	NP_001035536
Purification	Affinity Purified
Nucleotide Accession #	NM_001040446
Gene Symbol	MTMR12
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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