MTMR6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTMR6, Polyclonal Antibody
Full Product Name	MTMR6, NT (MTMR6, Myotubularin-related protein 6) (MaxLight 490)
Product Gene Name	anti-MTMR6 antibody
Product Synonym Names	MTMR6; Myotubularin-related protein 6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	71,968 Da
Chromosome Location	Chromosome: 13; NC_000013.10 (25820339..25861704, complement). Location: 13q12
OMIM	603561
3D Structure	ModBase 3D Structure for Q9Y217
Immunogen	MTMR6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-143 amino acids from the N-terminal region of human MTMR6.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-MTMR6 antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-MTMR6 antibody	Western Blot (WB), FLISA
Application Notes for anti-MTMR6 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MTMR6 antibody	Phosphatase that acts on lipids with a phosphoinositol headgroup. Acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4+ T-cells possibly by decreasing intracellular levels of phosphatidylinositol-3 phosphatase. Negatively regulates proliferation of reactivated CD4+ T-cells.
Product References and Citations for anti-MTMR6 antibody	Zou, J., et al. J. Biol. Chem. 284(4):2064-2071(2009). Olsen, J.V., et al. Cell 127(3):635-648(2006). Olsen, J.V., et al. Cell 127(3):635-648(2006). Srivastava, S., et al. Mol. Cell. Biol. 26(15):5595-5602(2006). Srivastava, S., et al. Mol. Cell. Biol. 25(9):3630-3638(2005).

Other Notes	Small volumes of anti-MTMR6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MTMR6 purchase	MBS6322830 is an antibody targeting MTMR6. Also known as MTMR6, NT (MTMR6, Myotubularin-related protein 6) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTMR6. It may not necessarily be applicable to this product.

NCBI GI #	134142348
NCBI GeneID	9107
NCBI Accession #	NP_004676.3
UniProt Primary Accession #	Q9Y217
UniProt Secondary Accession #	Q5JRG6; Q86TB7; Q86YH4; Q96P80; B2RBB5; B3KSB4
UniProt Related Accession #	Q8N5Q4; Q92792; Q9Y217
GenBank Nucleotide #	NM_004685.3
NCBI Official Full Name	myotubularin-related protein 6
NCBI Official Synonym Full Names	myotubularin related protein 6
NCBI Official Symbol	MTMR6
UniProt Protein Name	Myotubularin-related protein 6
Protein Family	Myotubularin-related protein
UniProt Gene Name	MTMR6
UniProt Entry Name	MTMR6_HUMAN
NCBI Protein Information	myotubularin-related protein 6; OTTHUMP00000018145
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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