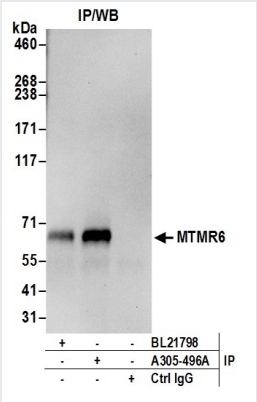
MTMR6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTMR6, Polyclonal Antibody
Full Product Name	Rabbit anti-MTMR6 Antibody, Affinity Purified
Product Gene Name	anti-MTMR6 antibody
Product Synonym Names	myotubularin-related protein 6; Myotubularin-related protein 6; myotubularin related protein 6
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
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	Between 571 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-MTMR6 antibody	Primary Antibodies
Applications Tested/Suitable for anti-MTMR6 antibody	Immunoprecipitation (IP)
Application Notes for anti-MTMR6 antibody	IP: 6ug/mg lysate
Related Product Information for anti-MTMR6 antibody	Myotubularin-related protein 6 (MTMR6) is a phosphatase that acts on lipids with a phosphoinositol headgroup. MTMR6 acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4+ T-cells possibly by decreasing intracellular levels of phosphatidylinositol 3 phosphatase. It negatively regulates proliferation of reactivated CD4+ T-cells [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y217].
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	MBS3905628 is an antibody targeting MTMR6. Also known as Rabbit anti-MTMR6 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunoprecipitation (IP) of anti-MTMR6 antibody
Detection of human MTMR6 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MTMR6 antibody MBS3905628 (lot MBS3905628-1) used for IP at 6 ug per reaction. MTMR6 was also immunoprecipitated by rabbit anti-MTMR6 antibody BL21798. For blotting immunoprecipitated MTMR6, MBS3905628 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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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