MTMR4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MTMR4, Polyclonal Antibody
Full Product Name	MTMR4 Rabbit pAb
Product Gene Name	anti-MTMR4 antibody
Product Synonym Names	ZFYVE11; FYVE-DSP2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	133kDa
OMIM	603559
3D Structure	ModBase 3D Structure for Q9NYA4
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 920-1195 of human MTMR4 (NP_004678.3).
Cellular Localization	Cytoplasm, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MTMR4 antibody	Western Blot (WB)
Application Notes for anti-MTMR4 antibody	WB: 1:200-1:2000
Related Product Information for anti-MTMR4 antibody	Dephosphorylates proteins phosphorylated on Ser, Thr, and Tyr residues and low molecular weight phosphatase substrate para-nitrophenylphosphate. Phosphorylates phosphatidylinositol 3,4,5-trisphosphate (PIP3).
Other Notes	Small volumes of anti-MTMR4 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 MTMR4 purchase	MBS8549867 is an antibody targeting MTMR4. Also known as MTMR4 Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTMR4. It may not necessarily be applicable to this product.

NCBI GI #	217272865
NCBI GeneID	9110
NCBI Accession #	NP_004678

UniProt Primary Accession #	Q9NYA4
UniProt Related Accession #	Q9NYA4
GenBank Nucleotide #	NP_004678.3
NCBI Official Full Name	myotubularin-related protein 4
NCBI Official Synonym Full Names	myotubularin related protein 4
NCBI Official Symbol	MTMR4
NCBI Official Synonym Symbols	ZFYVE11; FYVE-DSP2
UniProt Protein Name	Myotubularin-related protein 4
UniProt Synonym Protein Names	FYVE domain-containing dual specificity protein phosphatase 2; FYVE-DSP2; Zinc finger FYVE domain-containing protein 11
Protein Family	Myotubularin-related protein
UniProt Gene Name	MTMR4
UniProt Synonym Gene Names	KIAA0647; ZFYVE11; FYVE-DSP2
UniProt Entry Name	MTMR4_HUMAN
NCBI Protein Information	myotubularin-related protein 4
Research Articles on MTMR4	**1.** Here the authors demonstrate that green fluorescent protein-tagged MTMR4 is recruited to the Salmonella-containing vacuole and infection of cells depleted of endogenous MTMR4 results in a decrease in viable intracellular Salmonella.
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