

Rabbit anti-Human, mouse MTMR4 Polyclonal Antibody | anti-MTMR4 antibody

MTMR4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287707	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

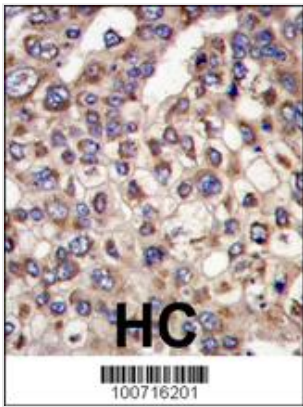
PRODUCT SYNONYMS

MTMR4; Polyclonal Antibody; MTMR4 Antibody (C-term); Myotubularin-related protein 4; FYVE domain-containing dual specificity protein phosphatase 2; FYVE-DSP2; Zinc finger FYVE domain-containing protein 11; KIAA0647; ZFYVE11; anti-MTMR4 antibody

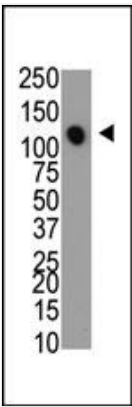
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MTMR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1155-1187 amino acids from the C-terminal region of human MTMR4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1155-1187
Sequence Length	1,195
Applicable Applications for anti-MTMR4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with MTMR4 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
The anti-MTMR4 Pab is used in Western blot to detect MTMR4 in mouse heart cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MTMR4 antibody	MTMR, a member of the myotubularin family, encodes an intracellular protein of 1,195 amino acids, and shares approximately 47% sequence identity with MTMR3, spiking to over 70% identity in the catalytic domain and the double zinc finger (FYVE) motif. PCR analysis detects expression of MTMR4 in all human tissues examined except lung, small intestine, stomach, salivary gland, adrenal gland, and uterus. Subcellular localization of MTMR4 in transfected HeLa cells showed a perinuclear distribution, similar to that seen with MTMR3. MTMR4 dephosphorylates para-nitrophenylphosphate and phosphatidylinositol 3-phosphate.
Product Categories/Family for anti-MTMR4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	217272865
NCBI GeneID	9110
NCBI Accession #	NP_004678.3
NCBI GenBank Nucleotide #	NM_004687.4
UniProt Accession #	Q9NYA4; Q8IV27; Q9Y4D5; D3DTZ6
Molecular Weight	133353
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
NCBI Protein Information	myotubularin-related protein 4
UniProt Protein Name	Myotubularin-related protein 4
UniProt Gene Name	MTMR4
UniProt Synonym Gene Names	KIAA0647; ZFYVE11; FYVE-DSP2
UniProt Entry Name	MTMR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mtmr4-antibody-immunohistochemistry-western-blot-elisa/287707>