

Rabbit anti-Human Myotubularin Polyclonal Antibody | anti-MTM1 antibody

Rabbit anti-human Myotubularin polyclonal Antibody(MTM1)

CATALOG # AAA118962	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

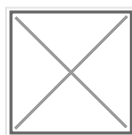
PRODUCT SYNONYMS

Myotubularin; Polyclonal Antibody; Rabbit anti-human Myotubularin polyclonal Antibody(MTM1); Phosphatidylinositol-3; 5-bisphosphate 3-phosphatase; Phosphatidylinositol-3-phosphate phosphatase; MTM1; CG2; anti-MTM1 antibody

PRODUCT SPECIFICATIONS

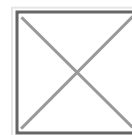
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	603
Applicable Applications for anti-MTM1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Myotubularin protein (484-603aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14784 / sc-14781 / sc-14782 / sc-14783
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



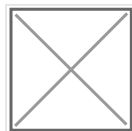
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human epityphlon using AAA118962 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA118962 at dilution 1:100



WB (Western Blot)

All lanes: Myotubularin antibody at 2ug/ml Lane 1: Jurkat whole cell lysate Lane 2: HepG2 whole cell lysate Secondary: Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 70,67 kDa Observed band size: 70 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MTM1 antibody	Lipid phosphatase which dephosphorylates phosphatidylinositol 3-monophosphate (PI3P) and phosphatidylinositol 3,5-bisphosphate (PI(3,5)P2). Has also been shown to dephosphorylate phosphotyrosine- and phosphoserine-containing peptides. Negatively regulates EGFR degradation through regulation of EGFR trafficking from the late endosome to the lysosome. Plays a role in vacuolar formation and morphology. Regulates desmin intermediate filament assembly and architecture. Plays a role in mitochondrial morphology and positioning. Required for skeletal muscle maintenance but not for myogenesis.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557896
NCBI GeneID	4534
NCBI Accession #	NP_000243.1
NCBI GenBank Nucleotide #	NM_000252.2
UniProt Accession #	Q13496; Q8NEL1; A6NDB1; B7Z491; F2Z330
Molecular Weight	66,053 Da
NCBI Official Full Name	myotubularin
NCBI Official Synonym Full Names	myotubularin 1
NCBI Official Symbol	MTM1
NCBI Official Synonym Symbols	CNM; MTMX; XLMTM
NCBI Protein Information	myotubularin
UniProt Protein Name	Myotubularin
UniProt Gene Name	MTM1
UniProt Synonym Gene Names	CG2
UniProt Entry Name	MTM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myotubularin-antibody-immunohistochemistry-western-blot-elisa/118962>