

Rabbit anti-Human MYOT Polyclonal Antibody | anti-MYOT antibody

MYOT antibody

CATALOG # AAA303042	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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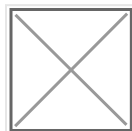
PRODUCT SYNONYMS

MYOT; Polyclonal Antibody; MYOT antibody; MFM3; TTID; TTOD; LGMD1; LGMD1A; anti-MYOT antibody

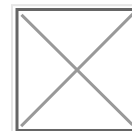
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MYOT antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	314
Applicable Applications for anti-MYOT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MYOT.
Target Name	MYOT
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using MYOT antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYOT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MYOT antibody	This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated with limb-girdle muscular dystrophy and myofibrillar myopathies. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
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Product Categories/Family for anti-MYOT antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	209693444
NCBI GeneID	9499
NCBI Accession #	NP_001129412.1
NCBI GenBank Nucleotide #	NM_001135940.1
UniProt Accession #	Q9UBF9; A0A4R6; B4DT79
Molecular Weight	35,147 Da
NCBI Official Full Name	myotilin isoform b
NCBI Official Synonym Full Names	myotilin
NCBI Official Symbol	MYOT
NCBI Official Synonym Symbols	MFM3; TTID; TTOD; LGMD1; LGMD1A
NCBI Protein Information	myotilin
UniProt Protein Name	Myotilin
UniProt Gene Name	MYOT
UniProt Synonym Gene Names	TTID
UniProt Entry Name	MYOTI_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://stage.aaabiotech.com/polyclonal/myot-antibody-immunofluorescence-western-blot-elisa/303042>