

Rabbit MYOT Polyclonal Antibody | anti-MYOT antibody

MYOT Polyclonal Antibody

CATALOG # AAA280124	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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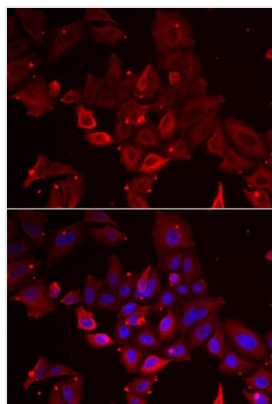
PRODUCT SYNONYMS

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

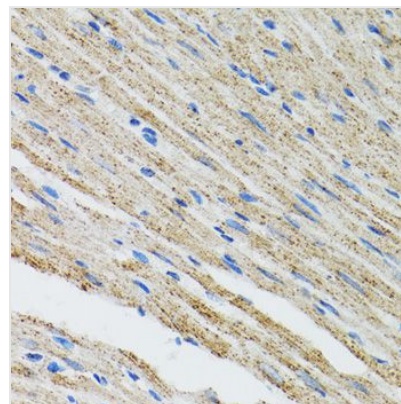
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	498
Applicable Applications for anti-MYOT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MYOT
Calculated Molecular Weight	55kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

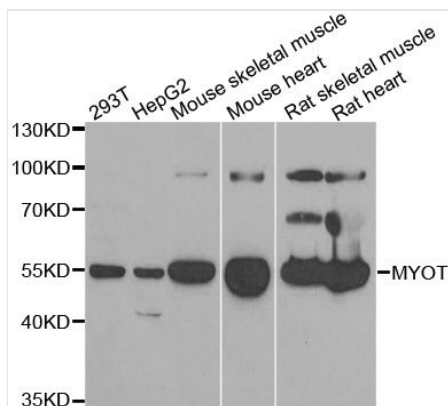
IMAGES


IF (Immunofluorescence)

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


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using MYOT antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYOT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

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.
Product Categories/Family for anti-MYOT antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033402
NCBI GeneID	9499
UniProt Accession #	Q9UBF9; A0A4R6; B4DT79
Molecular Weight	498
NCBI Official Full Name	Myotilin
NCBI Official Synonym Full Names	myotilin
NCBI Official Symbol	MYOT
NCBI Official Synonym Symbols	MFM3; TTID; TTOD; LGMD1; LGMD1A
NCBI Protein Information	myotilin; 57 kDa cytoskeletal protein; myofibrillar titin-like Ig domains protein; titin immunoglobulin domain protein (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-immunohistochemistry-western-blot-elisa/280124>