

## Rabbit anti-Human, Mouse MYOT Polyclonal Antibody | anti-MYOT antibody

MYOT Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA118624 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

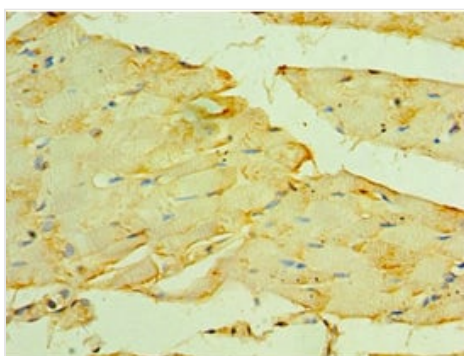
### PRODUCT SYNONYMS

MYOT; Polyclonal Antibody; MYOT Antibody; 57 kDa cytoskeletal protein; Myofibrillar titin-like Ig domains protein; Titin immunoglobulin domain protein; TTID; anti-MYOT antibody

### PRODUCT SPECIFICATIONS

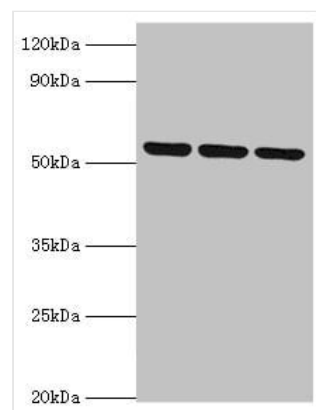
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | Antigen Affinity Purified                                                                                      |
| Sequence Length                                | 314                                                                                                            |
| Applicable Applications for anti-MYOT 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 Myotilin protein (443-498aa)                                                                 |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15235 / sc-15237                       |
| 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 (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA118624 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: MYOT antibody at 2ug/mlLane 1:293T whole cell lysateLane 2:HepG2 whole cell lysateLane 3:mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 56,36 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYOT antibody | Component of a complex of multiple actin cross-linking proteins. Involved in the control of myofibril assembly and stability at the Z lines in muscle cells. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

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-immunohistochemistry-western-blot-elisa/118624>