

## Rabbit anti-Human MLIP Polyclonal Antibody | anti-MLIP antibody

MLIP Antibody

|                              |                       |                            |                                                                                      |
|------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA40362</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------------|

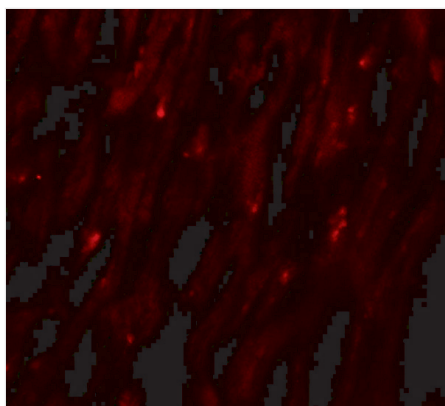
### PRODUCT SYNONYMS

MLIP; Polyclonal Antibody; MLIP Antibody; C6orf142; Muscular LMNA-interacting protein; Muscular-enriched A-type laminin-interacting protein; muscular LMNA-interacting protein; anti-MLIP antibody

### PRODUCT SPECIFICATIONS

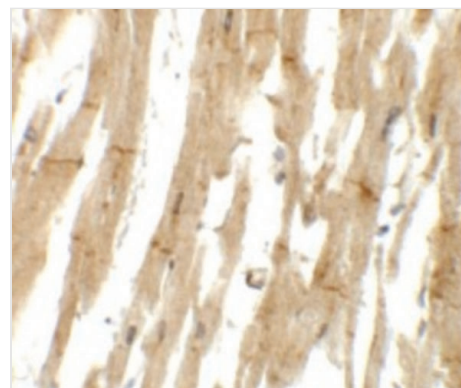
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Specificity                                    | At least three isoforms of MLIP are known to exist.                                                            |
| Purity/Purification                            | MLIP Antibody is affinity chromatography purified via peptide column.                                          |
| Form/Format                                    | Liquid                                                                                                         |
| Concentration                                  | 1 mg/mL (varies by lot)                                                                                        |
| Sequence Length                                | 458                                                                                                            |
| Applicable Applications for anti-MLIP antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Conjugate                                      | Unconjugated                                                                                                   |
| Immunogen                                      | MLIP antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human MLIP.    |
| Buffer                                         | MLIP Antibody is supplied in PBS containing 0.02% sodium azide.                                                |
| Preparation and Storage                        | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES



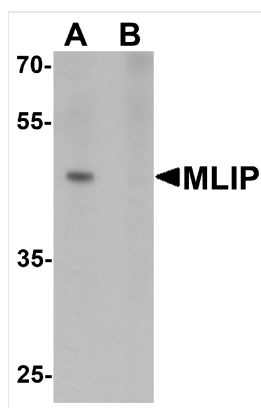
**IF (Immunofluorescence)**

Immunofluorescence of MLIP in human heart tissue with MLIP antibody at 20 µg/mL.



**IHC (Immunohistochemistry)**

Immunohistochemistry of MLIP in human heart tissue with MLIP antibody at 5 µg/mL.



#### WB (Western Blot)

Western blot analysis of MLIP in 293 cell lysate with MLIP antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

## ADDITIONAL INFORMATION

### Related Product Information for anti-MLIP antibody

**MLIP Antibody:** The muscle-enriched A-type lamin-interacting protein (MLIP) is ubiquitously expressed, although most predominantly in heart, skeletal and smooth muscle, and interacts directly and co-localizes with lamin A and C in the nuclear envelope. MLIP also co-localizes with promyelocytic leukemia (PML) bodies within the nucleus. Decreasing lamin A/C expression with siRNA results in the upregulation and mislocalization of MLIP, suggesting that MLIP localization to the nuclear envelope is dependent on the lamin proteins. It has been suggested that MLIP may function as a tethering protein linking LMNA to factors within the nuclear envelope or within PML bodies.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 154426278                                                                                                                                 |
| NCBI GeneID                      | 90523                                                                                                                                     |
| NCBI Accession #                 | NP_612636                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_138569.2                                                                                                                               |
| UniProt Accession #              | Q5VWP3; Q96H08; Q96NF7; B7Z2N0; D6RE05                                                                                                    |
| Molecular Weight                 | 97,558 Da                                                                                                                                 |
| NCBI Official Full Name          | muscular LMNA-interacting protein isoform 3                                                                                               |
| NCBI Official Synonym Full Names | muscular LMNA-interacting protein                                                                                                         |
| NCBI Official Symbol             | MLIP                                                                                                                                      |
| NCBI Official Synonym Symbols    | C6orf142                                                                                                                                  |
| NCBI Protein Information         | muscular LMNA-interacting protein; muscle-enriched A-type lamin interacting protein; muscular-enriched A-type laminin-interacting protein |
| UniProt Protein Name             | Muscular LMNA-interacting protein                                                                                                         |
| UniProt Gene Name                | <b>MLIP</b>                                                                                                                               |
| UniProt Synonym Gene Names       | C6orf142                                                                                                                                  |
| UniProt Entry Name               | MLIP_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/mlip-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40362>