

## Rabbit MYL6 Polyclonal Antibody | anti-MYL6 antibody

MYL6 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                               | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------------------------|------------------------------------|
| AAA200730 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish | Western Blot, Immunohistochemistry |

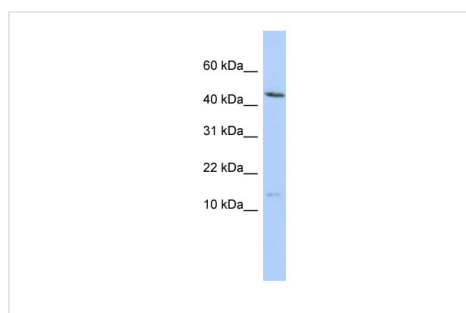
### PRODUCT SYNONYMS

MYL6; Polyclonal Antibody; MYL6 antibody - N-terminal region; anti-MYL6 antibody

### PRODUCT SPECIFICATIONS

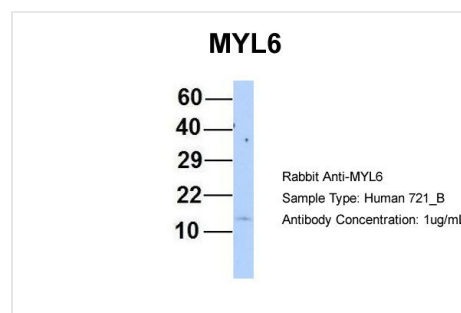
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: CD FTEDQTAEFK EAFQLFDRTG DGKILYSQCG DVMRALGQNP TNAEVLKV                                                  |
| Sequence Length                                | 151                                                                                                                                                   |
| Applicable Applications for anti-MYL6 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 100%; Dog: 90%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 92%                    |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human MYL6                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



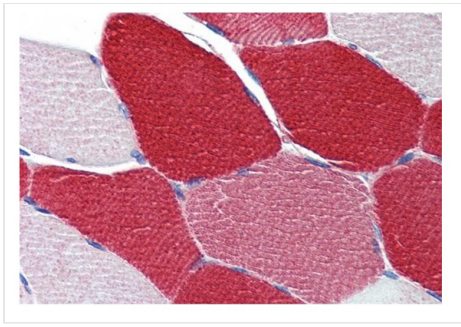
#### WB (Western Blot)

WB Suggested Anti-MYL6 Antibody Titration: 1 ug/ml  
Positive Control: HepG2 cell lysate  
MYL6 is supported by BioGPS gene expression data to be expressed in HepG2



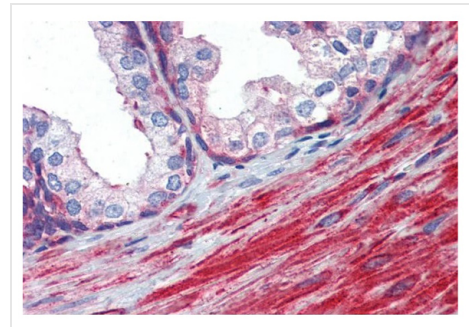
#### WB (Western Blot)

Host: Rabbit  
Target Name: MYL6  
Sample Type: Human 721\_B  
Antibody Dilution: 1.0ug/ml  
MYL6 is supported by BioGPS gene expression data to be expressed in 721\_B



#### IHC (Immunohistochemistry)

Sample Type: Human Skeletal MuscleAnti-MYL6 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. MYL6 Antibody concentration 5 ug/ml.



#### IHC (Immunohistochemistry)

Sample Type: Human ProstateAnti-MYL6 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. MYL6 Antibody concentration 5 ug/ml.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-MYL6 antibody</b> | <p>This is a rabbit polyclonal antibody against MYL6. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: MYL6 contains 3 EF-hand domains. It is the regulatory light chain of myosin. MYL6 does not bind calcium. Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene.</p> |
| <b>Product Categories/Family for anti-MYL6 antibody</b>   | <p><a href="#">Polyclonal</a>; <a href="#">Signal Proteins</a>; <a href="#">Lymphocyte Signaling</a>; <a href="#">Membrane Protein</a>; <a href="#">Developmental Biology</a>; <a href="#">Immunohistochemistry</a>; <a href="#">Receptors</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 88999583                                                                   |
| <b>NCBI GeneID</b>                      | 4637                                                                       |
| <b>NCBI Accession #</b>                 | <a href="#">NP_524147</a>                                                  |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_079423</a>                                                  |
| <b>UniProt Accession #</b>              | <a href="#">P60660</a>                                                     |
| <b>Molecular Weight</b>                 | 17kDa                                                                      |
| <b>NCBI Official Full Name</b>          | myosin light polypeptide 6 isoform 2                                       |
| <b>NCBI Official Synonym Full Names</b> | myosin light chain 6                                                       |
| <b>NCBI Official Symbol</b>             | MYL6                                                                       |
| <b>NCBI Official Synonym Symbols</b>    | LC17; ESMLC; LC17A; LC17B; MLC-3; MLC1SM; MLC3NM; MLC3SM; LC17-GI; LC17-NM |
| <b>NCBI Protein Information</b>         | myosin light polypeptide 6                                                 |
| <b>UniProt Protein Name</b>             | Myosin light polypeptide 6                                                 |
| <b>UniProt Gene Name</b>                | <b>MYL6</b>                                                                |
| <b>UniProt Synonym Gene Names</b>       | LC17; MLC-3                                                                |
| <b>UniProt Entry Name</b>               | MYL6_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/myl6-antibody-western-blot-immunohistochemistry-elisa/200730>