

## Rabbit MYL1 Polyclonal Antibody | anti-MYL1 antibody

MYL1 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176653</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

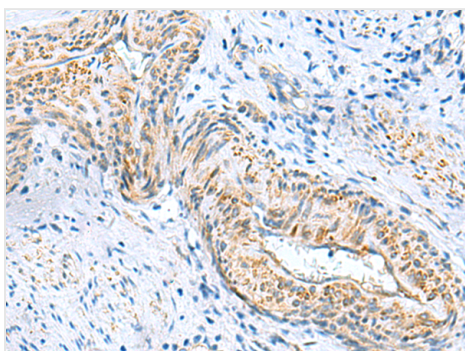
### PRODUCT SYNONYMS

MYL1; Polyclonal Antibody; MYL1 Polyclonal Antibody; A1 catalytic; Alkali myosin light chain 1; MLC1/MLC3; MLC1F; MLC1F/MLC3F; MLC3F; Myl1; Myosin light chain 1 skeletal muscle isoform; Myosin light chain 1/3; skeletal muscle isoform; Myosin light chain A1/A2; Myosin light chain alkali 1/2; Skeletal muscle isoform; anti-MYL1 antibody

### PRODUCT SPECIFICATIONS

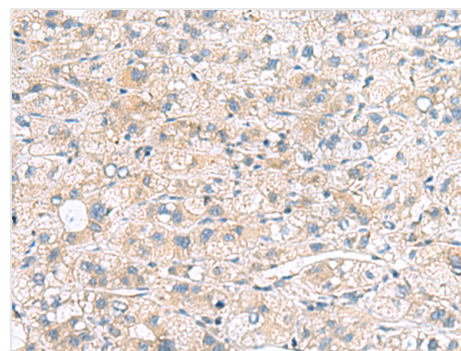
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse, Rat                                       |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 1.32mg/mL (varies by lot)                               |
| Sequence Length                                | 194                                                     |
| Applicable Applications for anti-MYL1 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Fusion protein of human MYL1                            |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using MYL1 Polyclonal Antibody at dilution of 1:75(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MYL1 Polyclonal Antibody at dilution of 1:75(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYL1 antibody | 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 expressed in fast skeletal muscle. Two transcript variants have been identified for this gene. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 17986273                                                   |
| NCBI GeneID                      | 4632                                                       |
| NCBI Accession #                 | NP_524144.1; BC005318                                      |
| NCBI GenBank Nucleotide #        | NP_524144.1                                                |
| UniProt Accession #              | P05976                                                     |
| NCBI Official Full Name          | myosin light chain 1/3, skeletal muscle isoform isoform 1f |
| NCBI Official Synonym Full Names | myosin light chain 1                                       |
| NCBI Official Symbol             | MYL1                                                       |
| NCBI Official Synonym Symbols    | MLC1F; MLC3F; MYOFTA                                       |
| NCBI Protein Information         | myosin light chain 1/3, skeletal muscle isoform            |
| UniProt Protein Name             | Myosin light chain 1/3, skeletal muscle isoform            |
| UniProt Gene Name                | MYL1                                                       |
| UniProt Synonym Gene Names       | MLC1/MLC3; MLC1F/MLC3F                                     |
| UniProt Entry Name               | MYL1_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/myl1-antibody-immunohistochemistry-elisa/176653>