

## Rabbit MYL12B Polyclonal Antibody | anti-MYL12B antibody

MYL12B Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA238872 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

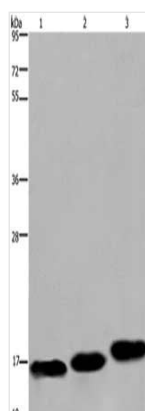
### PRODUCT SYNONYMS

MYL12B; Polyclonal Antibody; MYL12B Antibody; Myosin; light chain 12B; regulatory; anti-MYL12B antibody

### PRODUCT SPECIFICATIONS

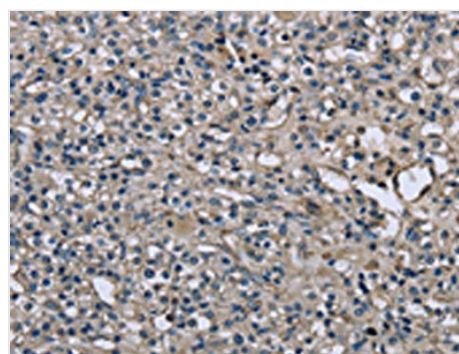
|                                                  |                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                  |
| Reactivity                                       | Human, Mouse, Rat                                                                       |
| Clonality                                        | Polyclonal                                                                              |
| Isotype                                          | IgG                                                                                     |
| Purity/Purification                              | Antigen Affinity Purification                                                           |
| Form/Format                                      | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-MYL12B antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                        | Fusion protein of human MYL12B                                                          |
| Immunogen Species                                | Human                                                                                   |
| Conjugate                                        | Non-conjugated                                                                          |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



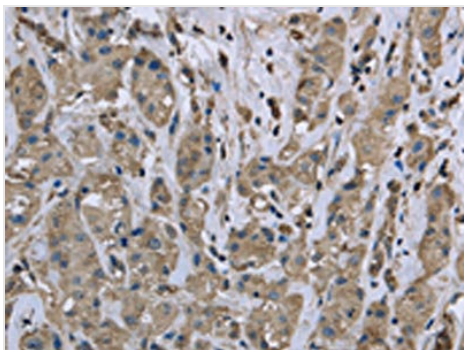
#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-3: Mouse skeletal muscle, Mouse heart tissue, Mouse bladder tissue, Primary antibody: AAA238872(MYL12B Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using AAA238872(MYL12B Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)



**IHC (Immunohistochemistry)**  
The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using AAA238872(MYL12B Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 205829213                                                                                                                                                                                                                               |
| NCBI GeneID                      | 103910                                                                                                                                                                                                                                  |
| UniProt Accession #              | O14950; Q13182; Q7Z5Z4; D3DUH6                                                                                                                                                                                                          |
| Molecular Weight                 | 172                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | Myosin regulatory light chain 12B                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | myosin, light chain 12B, regulatory                                                                                                                                                                                                     |
| NCBI Official Symbol             | MYL12B                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | MLC-B; MRLC2                                                                                                                                                                                                                            |
| NCBI Protein Information         | myosin regulatory light chain 12B; MLC-2; MLC20; MLC-2A; SHUJUN-1; myosin regulatory light chain 2; myosin regulatory light chain MRLC2; myosin regulatory light chain 20 kDa; myosin regulatory light chain 2-B, smooth muscle isoform |
| UniProt Protein Name             | Myosin regulatory light chain 12B                                                                                                                                                                                                       |
| UniProt Gene Name                | MYL12B                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | MRLC2; MYLC2B; MLC-2; MLC20                                                                                                                                                                                                             |
| UniProt Entry Name               | ML12B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myl12b-antibody-immunohistochemistry-western-blot-elisa/238872>