

## Rabbit anti-Human MYH6 Polyclonal Antibody | anti-MYH6 antibody

MYH6 Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA243458</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

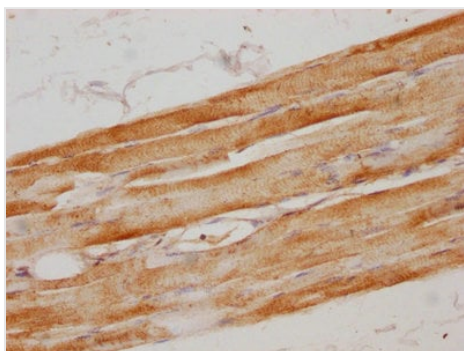
### PRODUCT SYNONYMS

MYH6; Polyclonal Antibody; MYH6 Antibody; Myosin-6 (Myosin heavy chain 6) (Myosin heavy chain; cardiac muscle alpha isoform) (MyHC-alpha); MYHCA; anti-MYH6 antibody

### PRODUCT SPECIFICATIONS

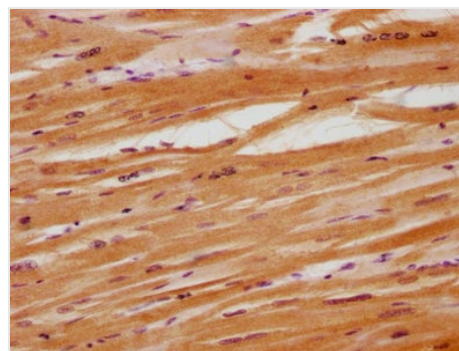
|                                                |                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                     |
| Reactivity                                     | Human                                                                                      |
| Clonality                                      | Polyclonal                                                                                 |
| Isotype                                        | IgG                                                                                        |
| Purity/Purification                            | Antigen Affinity Purified                                                                  |
| Form/Format                                    | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Applicable Applications for anti-MYH6 antibody | IHC (Immunohistochemistry), ELISA                                                          |
| Immunogen                                      | Recombinant Human Myosin-6 protein (894-1132AA)                                            |
| Immunogen Species                              | Human                                                                                      |
| Conjugate                                      | Non-conjugated                                                                             |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image of AAA243458 diluted at 1:100 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA243458 diluted at 1:100 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                  |                     |
|--------------------------------------------------|---------------------|
| Product Categories/Family for anti-MYH6 antibody | Signal Transduction |
|--------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 156104908                                                                                                                                                                         |
| NCBI GeneID                      | 4624                                                                                                                                                                              |
| NCBI Accession #                 | NP_002462.2                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_002471.3                                                                                                                                                                       |
| UniProt Accession #              | P13533; Q13943; Q14906; Q14907; A2RTX1; D9YZU2                                                                                                                                    |
| Molecular Weight                 | 223,735 Da                                                                                                                                                                        |
| NCBI Official Full Name          | myosin-6                                                                                                                                                                          |
| NCBI Official Synonym Full Names | myosin, heavy chain 6, cardiac muscle, alpha                                                                                                                                      |
| NCBI Official Symbol             | MYH6                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | ASD3; MYHC; SSS3; CMH14; MYHCA; CMD1EE; alpha-MHC                                                                                                                                 |
| NCBI Protein Information         | myosin-6; myHC-alpha; myosin heavy chain 6; myosin heavy chain, cardiac muscle alpha isoform; myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1) |
| UniProt Protein Name             | Myosin-6                                                                                                                                                                          |
| UniProt Gene Name                | <b>MYH6</b>                                                                                                                                                                       |
| UniProt Synonym Gene Names       | MYHCA; MyHC-alpha                                                                                                                                                                 |
| UniProt Entry Name               | MYH6_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/myh6-antibody-immunohistochemistry-elisa/243458>