

## Rabbit anti-Human MYH1 Polyclonal Antibody | anti-MYH1 antibody

MYH1 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA307058</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

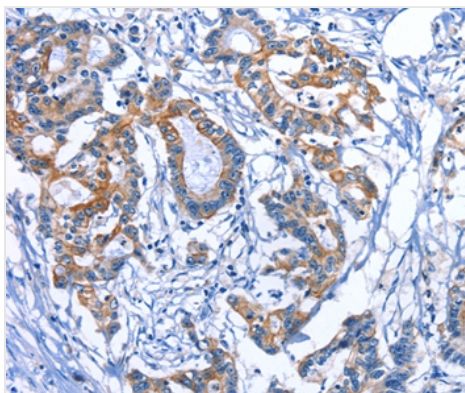
### PRODUCT SYNONYMS

MYH1; Polyclonal Antibody; MYH1 Antibody; MYHa; MYHSA1; MyHC-2x; MyHC-2X/D; anti-MYH1 antibody

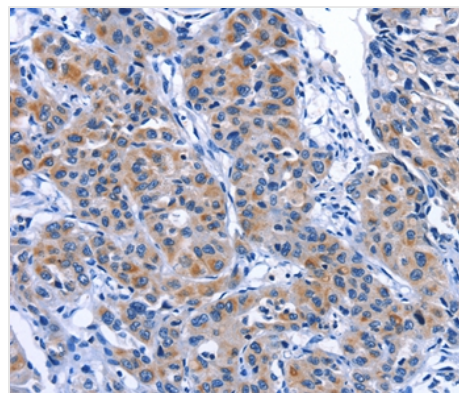
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                              |
| Reactivity                                     | Human                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                          |
| Specificity                                    | The antibody detects endogenous levels of total MYH1 protein.                                                       |
| Purity/Purification                            | Antigen affinity purification.                                                                                      |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                     |
| Concentration                                  | 1.3 mg/ml (varies by lot)                                                                                           |
| Sequence Length                                | 1939                                                                                                                |
| Applicable Applications for anti-MYH1 antibody | IHC (Immunohistochemistry)                                                                                          |
| Immunogen Type                                 | Recombinant Protein                                                                                                 |
| Immunogen Description                          | Fusion protein corresponding to residues near the C terminal of human myosin, heavy chain 1, skeletal muscle, adult |
| Target Name                                    | MYH1                                                                                                                |
| Preparation and Storage                        | Store at -20 degree C                                                                                               |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/30.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYH1 antibody | Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development. |
| Product Categories/Family for anti-MYH1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 115527082                                     |
| NCBI GeneID                      | 4619                                          |
| NCBI Accession #                 | NP_005954.3                                   |
| NCBI GenBank Nucleotide #        | NM_005963.3                                   |
| UniProt Accession #              | P12882; Q14CA4; Q9Y622                        |
| Molecular Weight                 | 223,145 Da                                    |
| NCBI Official Full Name          | myosin-1                                      |
| NCBI Official Synonym Full Names | myosin, heavy chain 1, skeletal muscle, adult |
| NCBI Official Symbol             | MYH1                                          |
| NCBI Official Synonym Symbols    | MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D       |
| NCBI Protein Information         | myosin-1                                      |
| UniProt Protein Name             | Myosin-1                                      |
| UniProt Gene Name                | MYH1                                          |
| UniProt Synonym Gene Names       | MyHC-2x; MyHC-Ilx/d                           |
| UniProt Entry Name               | MYH1_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/myh1-antibody-immunohistochemistry-elisa/307058>