

## Rabbit ACTC1/Alpha Cardiac Actin Polyclonal Antibody | anti-ACTC1 antibody

ACTC1/Alpha Cardiac Actin Rabbit anti-Human Polyclonal (1-80 aa, N-terminal) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                    |
|-----------|--------|-------------------|-----------------------------------------------------------------|
| AAA162866 | Rabbit | Mouse, Rat, Human | Western Blot, Immunohistochemistry, Immunohistochemistry, ELISA |

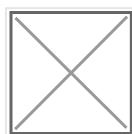
### PRODUCT SYNONYMS

ACTC1/Alpha Cardiac Actin; Polyclonal Antibody; ACTC1/Alpha Cardiac Actin Rabbit anti-Human Polyclonal (1-80 aa; N-terminal) Antibody; IHC-plus ACTC1/Alpha Cardiac Actin Antibody (1-80 aa; N-terminal); ACTC1; Actin; alpha cardiac muscle 1; alpha; cardiac muscle; cardiac muscle 1; Alpha-cardiac actin; CMH11; CMD1R; ACTC; LVNC4; ASD5; anti-ACTC1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                          |
| Reactivity                                      | Mouse, Rat, Human                                                                                               |
| Clonality                                       | Polyclonal                                                                                                      |
| Isotype                                         | IgG                                                                                                             |
| Specificity                                     | Actin-alpha cardiac muscle Polyclonal Antibody detects endogenous levels of Actin-alpha cardiac muscle protein. |
| Purity/Purification                             | Immunoaffinity purified                                                                                         |
| Form/Format                                     | PBS, 0.02% Sodium Azide, 50% Glycerol, 0.5% BSA                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                          |
| Applicable Applications for anti-ACTC1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ELISA                                |
| Target                                          | Human ACTC1/Alpha Cardiac Actin                                                                                 |
| Immunogen                                       | Synthesized peptide derived from human Actin-alpha cardiac muscle                                               |
| Conjugation                                     | Unconjugated                                                                                                    |
| Epitope                                         | 1-80 aa, N-terminal                                                                                             |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze-thaw cycles.                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

ACTC1/Alpha Cardiac Actin Antibody-Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE), at a concentration of 10 ug/ml.



#### WB (Western Blot)

ACTC1/Alpha Cardiac Actin Antibody-Western blot of Actin-alpha cardiac muscle antibody

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACTC1 antibody | Alpha Cardiac Actin antibody is an unconjugated rabbit polyclonal antibody to Alpha Cardiac Actin (ACTC1)(1-80 aa, N-terminal) from human. It is reactive with human, mouse and rat. Validated for ELISA, IHC and WB. Tested on 20 paraffin-embedded human tissues. |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 4885049                                  |
| NCBI GeneID                      | 70                                       |
| NCBI Accession #                 | NP_005150.1                              |
| NCBI GenBank Nucleotide #        | NM_005159                                |
| UniProt Accession #              | P68032; P04270                           |
| Molecular Weight                 | 377                                      |
| NCBI Official Full Name          | actin, alpha cardiac muscle 1 proprotein |
| NCBI Official Synonym Full Names | actin, alpha, cardiac muscle 1           |
| NCBI Official Symbol             | ACTC1                                    |
| NCBI Official Synonym Symbols    | ACTC; ASD5; CMD1R; CMH11; LVNC4          |
| NCBI Protein Information         | actin, alpha cardiac muscle 1            |
| UniProt Protein Name             | Actin, alpha cardiac muscle 1            |
| UniProt Gene Name                | <b>ACTC1</b>                             |
| UniProt Synonym Gene Names       | ACTC                                     |
| UniProt Entry Name               | ACTC_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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