

## Rabbit anti-Human MYO5B Polyclonal Antibody | anti-MYO5B antibody

MYO5B Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA231706</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

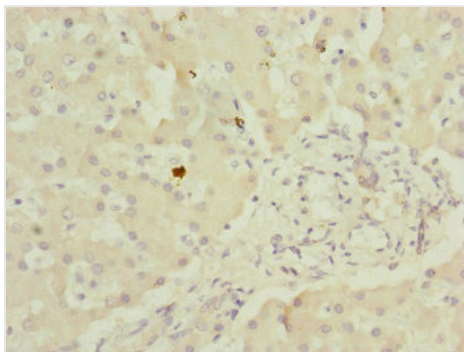
### PRODUCT SYNONYMS

MYO5B; Polyclonal Antibody; MYO5B Antibody; Unconventional myosin-Vb; KIAA1119; anti-MYO5B antibody

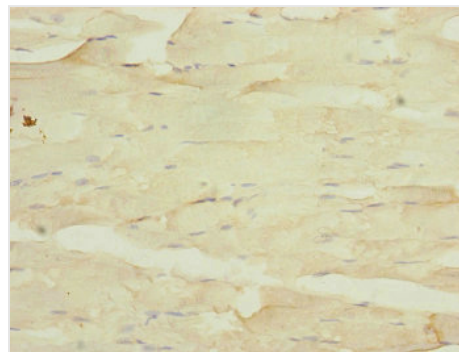
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 1848                                                                                                           |
| Applicable Applications for anti-MYO5B antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human Unconventional myosin-Vb protein (1440-1690AA)                                               |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98020                                  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231706 at dilution of 1:100


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA231706 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYO5B antibody | May be involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation. Required in a complex with RAB11A and RAB11FIP2 for the transport of NPC1L1 to the plasma membrane. Together with RAB11A participates in CFTR trafficking to the plasma membrane and TF (transferrin) recycling in nonpolarized cells. Together with RAB11A and RAB8A participates in epithelial cell polarization. Together with RAB25 regulates transcytosis. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 122937345                      |
| NCBI GeneID                      | 4645                           |
| NCBI Accession #                 | NP_001073936.1                 |
| NCBI GenBank Nucleotide #        | NM_001080467.2                 |
| UniProt Accession #              | Q9ULV0; Q0P656; Q9H6Y6; B0I1R3 |
| Molecular Weight                 | 47,983 Da                      |
| NCBI Official Full Name          | unconventional myosin-Vb       |
| NCBI Official Synonym Full Names | myosin VB                      |
| NCBI Official Symbol             | MYO5B                          |
| NCBI Protein Information         | unconventional myosin-Vb       |
| UniProt Protein Name             | Unconventional myosin-Vb       |
| UniProt Gene Name                | <b>MYO5B</b>                   |
| UniProt Synonym Gene Names       | KIAA1119                       |
| UniProt Entry Name               | MYO5B_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/myo5b-antibody-immunohistochemistry-elisa/231706>