

## Rabbit MYO7A Polyclonal Antibody | anti-MYO7A antibody

MYO7A Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169827</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

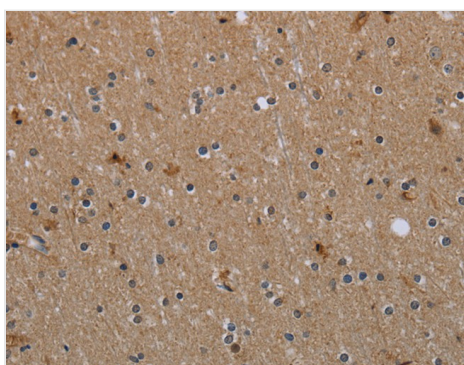
### PRODUCT SYNONYMS

MYO7A; Polyclonal Antibody; MYO7A Polyclonal Antibody; DFNB2; MYU7A; NSRD2; USH1B; DFNA11; MYOVIIA; anti-MYO7A antibody

### PRODUCT SPECIFICATIONS

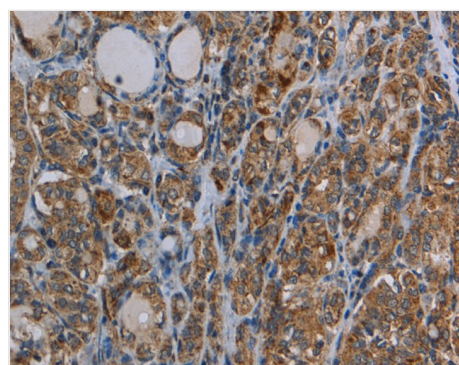
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 2.1mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 2177                                                                                      |
| Applicable Applications for anti-MYO7A antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human MYO7A                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using MYO7A Polyclonal Antibody at dilution 1:30



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYO7A Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MYO7A antibody | This gene is a member of the myosin gene family. Myosins are mechanochemical proteins characterized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventional myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 phenotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestibular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 225000386                                           |
| NCBI GeneID                      | 17921                                               |
| Molecular Weight                 | 251,097 Da                                          |
| NCBI Official Full Name          | Myosin VIIA                                         |
| NCBI Official Synonym Full Names | myosin VIIA                                         |
| NCBI Official Symbol             | Myo7a                                               |
| NCBI Official Synonym Symbols    | Hdb; sh1; Myo7; sh-1; USH1B; polka; nmf371          |
| NCBI Protein Information         | unconventional myosin-VIIa; motor protein; shaker 1 |
| UniProt Protein Name             | Unconventional myosin-VIIa                          |
| UniProt Gene Name                | <b>Myo7a</b>                                        |
| UniProt Synonym Gene Names       | Myo7                                                |
| UniProt Entry Name               | MYO7A_MOUSE                                         |

**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://stage.aaabiotech.com/polyclonal/myo7a-antibody-immunohistochemistry-elisa/169827>