

## MYO1D Antibody | anti-MYO1D antibody

MYO1D Antibody

|                               |                                                                                                                                                         |                                                        |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| CATALOG #<br><b>AAA108911</b> | REACTIVITY<br><b>Human: (Identities = 100%, Positives = 100%)Mouse: (Identities = 100%, Positives = 100%)Rat: (Identities = 100%, Positives = 100%)</b> | APPLICATIONS<br><b>ELISA,<br/>Immunohistochemistry</b> |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|

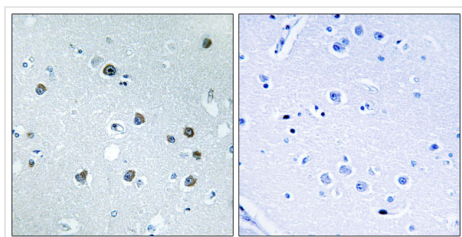
### PRODUCT SYNONYMS

MYO1D; MYO1D Antibody; Myosin-Id; anti-MYO1D antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human: (Identities = 100%, Positives = 100%)<br>Mouse: (Identities = 100%, Positives = 100%)<br>Rat: (Identities = 100%, Positives = 100%) |
| Specificity                                     | MYO1D antibody detects endogenous levels of total MYO1D protein.                                                                           |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                       |
| Form/Format                                     | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                             |
| Sequence Length                                 | 961                                                                                                                                        |
| Applicable Applications for anti-MYO1D antibody | ELISA, IHC (Immunohistochemistry)                                                                                                          |
| Immunogen                                       | The antiserum was produced against synthesized peptide derived from internal of human MYO1D.                                               |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                          |

### IMAGES



#### IHC (Immunohistochemistry)

Peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using MYO1D antibody.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-MYO1D antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Nagase T., Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases. Nagase T., DNA Res. 5:277-286(1998). The MGC Project Team; Genome Res. 14:2121-2127(2004).                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 740085976                           |
| NCBI GeneID                      | 4642                                |
| NCBI Accession #                 | NP_001290208.1                      |
| NCBI GenBank Nucleotide #        | NM_001303279.1                      |
| UniProt Accession #              | O94832; Q8NHP9; A6H8V3              |
| NCBI Official Full Name          | unconventional myosin-IId isoform 2 |
| NCBI Official Synonym Full Names | myosin ID                           |
| NCBI Official Symbol             | MYO1D                               |
| NCBI Official Synonym Symbols    | myr4; PPP1R108                      |
| NCBI Protein Information         | unconventional myosin-IId           |
| UniProt Protein Name             | Unconventional myosin-IId           |
| UniProt Gene Name                | <b>MYO1D</b>                        |
| UniProt Synonym Gene Names       | KIAA0727                            |

**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/human-mouse-rat-antibody/myo1d/108911>