

## Rabbit CACNA1B Polyclonal Antibody | anti-CACNA1B antibody

CACNA1B Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA236800</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

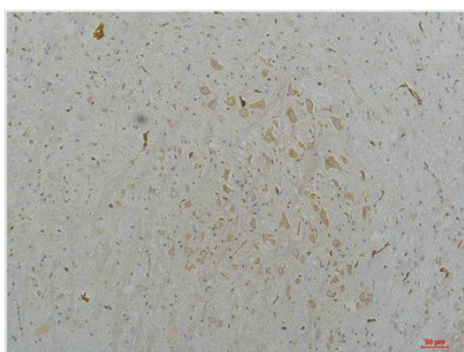
### PRODUCT SYNONYMS

CACNA1B; Polyclonal Antibody; CACNA1B Antibody; anti-CACNA1B antibody

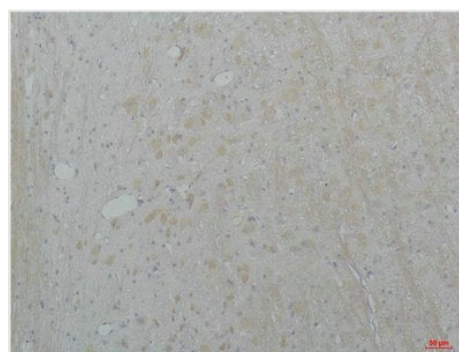
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                       |
| Reactivity                                        | Human, Mouse, Rat                                                                            |
| Clonality                                         | Polyclonal                                                                                   |
| Isotype                                           | IgG                                                                                          |
| Purity/Purification                               | Affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen. |
| Form/Format                                       | Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.         |
| Applicable Applications for anti-CACNA1B antibody | ELISA, IHC (Immunohistochemistry)                                                            |
| Immunogen                                         | Synthetic Peptide                                                                            |
| Immunogen Species                                 | Human                                                                                        |
| Conjugate                                         | Non-conjugated                                                                               |
| Preparation and Storage                           | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                  |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav2.2Rabbit pAb diluted at 1:200.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav2.2Rabbit pAb diluted at 1:200.

### ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Product Categories/Family for anti-CACNA1B antibody | <a href="#">Signal Transduction</a> |
|-----------------------------------------------------|-------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502523                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 774                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_000709                                                                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_000718                                                                                                                                                                                                                                                       |
| UniProt Accession #              | Q00975; B1AQK5                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 251,716 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | voltage-dependent N-type calcium channel subunit alpha-1B isoform 1                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | calcium channel, voltage-dependent, N type, alpha 1B subunit                                                                                                                                                                                                    |
| NCBI Official Symbol             | CACNA1B                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | BIII; CACNN; Cav2.2; CACNL1A5                                                                                                                                                                                                                                   |
| NCBI Protein Information         | voltage-dependent N-type calcium channel subunit alpha-1B; Cav2.2 voltage-gated Ca2+ channel; brain calcium channel III; calcium channel alpha12.2 subunit; calcium channel, L type, alpha-1 polypeptide; calcium channel, N type; calcium channel, voltage-dep |
| UniProt Protein Name             | Voltage-dependent N-type calcium channel subunit alpha-1B                                                                                                                                                                                                       |
| UniProt Gene Name                | CACNA1B                                                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | CACH5; CACNL1A5; BIII                                                                                                                                                                                                                                           |
| UniProt Entry Name               | CAC1B_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://stage.aaabiotech.com/polyclonal/cacna1b-antibody-immunohistochemistry-elisa/236800>