

## Rabbit Cav pan alpha1 Polyclonal Antibody | anti-Cav antibody

Cav pan alpha1 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA318899 | Rabbit | Human, Rat, Mouse | Immunofluorescence, Immunohistochemistry |

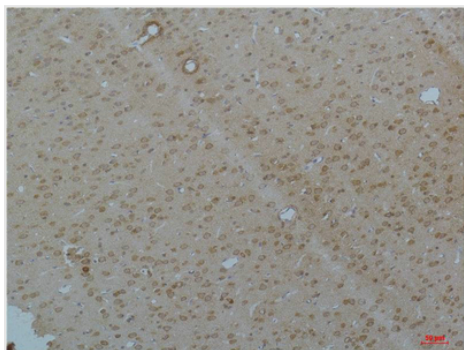
### PRODUCT SYNONYMS

Cav pan alpha1; Polyclonal Antibody; Cav pan alpha1 Rabbit Polyclonal Antibody; Voltage-dependent L-type calcium channel subunit alpha-1C (Calcium channel; L type; alpha-1 polypeptide; isoform 1; cardiac muscle)(Voltage-gated calcium channel subunit alpha Cav1.2); YM3540; BH6842; anti-Cav antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                               |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                        |
| Reactivity                                    | Human, Rat, Mouse                                                                                             |
| Clonality                                     | Polyclonal                                                                                                    |
| Specificity                                   | Cav pan alpha1 protein (A211) detects endogenous levels of Cav pan alpha1                                     |
| Purity/Purification                           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen. |
| Form/Format                                   | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                       |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                        |
| Applicable Applications for anti-Cav antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)                                                           |
| Immunogen                                     | Synthetic Peptide of Cav pan alpha1                                                                           |
| Modification                                  | Unmodified/Total                                                                                              |
| Preparation and Storage                       | Store at -20 degree C/1 year                                                                                  |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav pan ?1Rabbit pAb diluted at 1:200.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav pan ?1Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Cav antibody | calcium voltage-gated channel subunit alpha1 C (CACNA1C) Homo sapiens This gene encodes an alpha-1 subunit of a voltage-dependent calcium channel. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization. The alpha-1 subunit consists of 24 transmembrane segments and forms the pore through which ions pass into the cell. The calcium channel consists of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. There are multiple isoforms of each of these proteins, either encoded by different genes or the result of alternative splicing of transcripts. The protein encoded by this gene binds to and is inhibited by dihydropyridine. Alternative splicing results in many transcript variants encoding different proteins. Some of the predicted proteins may not produce functional ion channel subunits. [provided by RefSeq, Oct 2012] |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 951207                                                                                         |
| NCBI GeneID                      | 775                                                                                            |
| UniProt Accession #              | Q13936; Q13917; Q13918; Q13919; Q13920; Q13921; Q13922; Q13923; Q13924; Q13925; B2RUT3; E9PDJ0 |
| Molecular Weight                 | 252,507 Da                                                                                     |
| NCBI Official Full Name          | voltage-gated calcium channel, partial                                                         |
| NCBI Official Synonym Full Names | calcium voltage-gated channel subunit alpha1 C                                                 |
| NCBI Official Symbol             | CACNA1C                                                                                        |
| NCBI Official Synonym Symbols    | TS; LQT8; CACH2; CACN2; CaV1.2; CCHL1A1; CACNL1A1                                              |
| NCBI Protein Information         | voltage-dependent L-type calcium channel subunit alpha-1C                                      |
| UniProt Protein Name             | Voltage-dependent L-type calcium channel subunit alpha-1C                                      |
| UniProt Gene Name                | CACNA1C                                                                                        |
| UniProt Synonym Gene Names       | CACH2; CACN2; CACNL1A1; CCHL1A1                                                                |

**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/cav-pan-alpha1-antibody-immunofluorescence-immunohistochemistry-elisa/318899>