

Cav2.2 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A11698 | Rabbit | 1 mg/ml | |

| | |
|------------------------------|---|
| Applications | IHC |
| Reactivity | Human,Rat,Mouse |
| Dilution | IHC 1:50-100 |
| Storage | -20°C/1 year |
| Specificity | Cav2.2 protein(A205) detects endogenous levels of Cav2.2 |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen. |
| Immunogen | Synthetic Peptide of Cav2.2 |
| Uniprot No | Q00975 |
| Alternative names | Voltage-dependent N-type calcium channel subunit alpha-1B (Brain calcium channel III) (BIII) (Calcium channel, L type, alpha-1 polypeptide isoform 5) (Voltage-gated calcium channel subunit alpha Cav2.2) |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Clonality | Polyclonal |
| Isotype | IgG |
| Conjugation | |
| Background | calcium voltage-gated channel subunit alpha1 B(CACNA1B) Homo sapiens The protein encoded by this gene is the pore-forming subunit of an N-type voltage-dependent calcium channel, which controls neurotransmitter release from neurons. The encoded protein forms a complex with alpha-2, beta, and delta subunits to form the high-voltage activated channel. This channel is sensitive to omega-conotoxin-GVIA and omega-agatoxin-IIIa but insensitive to dihydropyridines. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011], |
| Other | CACNA1B, Voltage-dependent N-type calcium channel subunit alpha-1B (Brain calcium channel III) (BIII) (Calcium channel, L type, alpha-1 polypeptide isoform 5) (Voltage-gated calcium channel subunit alpha Cav2.2) |

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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