

Rabbit Cav2.2 Polyclonal Antibody | anti-Cav2.2 antibody

Cav2.2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318902	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry

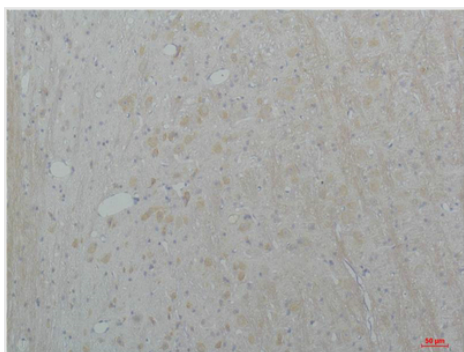
PRODUCT SYNONYMS

Cav2.2; Polyclonal Antibody; Cav2.2 Rabbit Polyclonal Antibody; 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); YM3536; BH6842; anti-Cav2.2 antibody

PRODUCT SPECIFICATIONS

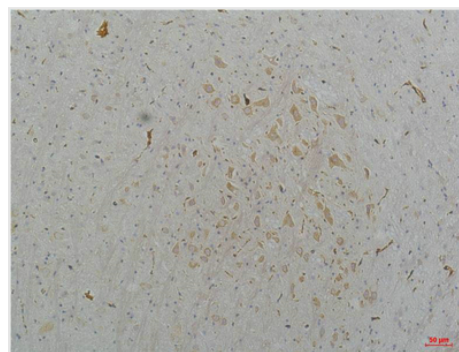
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Cav2.2 protein (A205) detects endogenous levels of Cav2.2
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Cav2.2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of Cav2.2
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 Cav2.2Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Cav2.2 antibody	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]
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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://www.aaabiotech.com/polyclonal/cav22-antibody-immunofluorescence-immunohistochemistry-elisa/318902>