

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

Cav2.2 Polyclonal Antibody

CATALOG # AAA293723	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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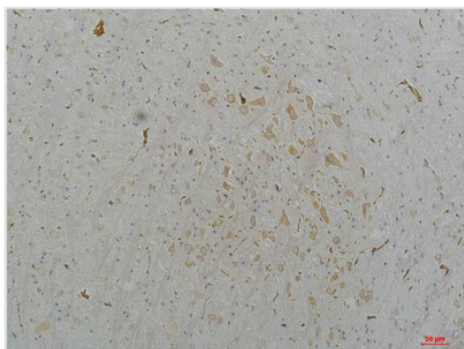
PRODUCT SYNONYMS

Cav2.2; Polyclonal Antibody; Cav2.2 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); anti-Cav2.2 antibody

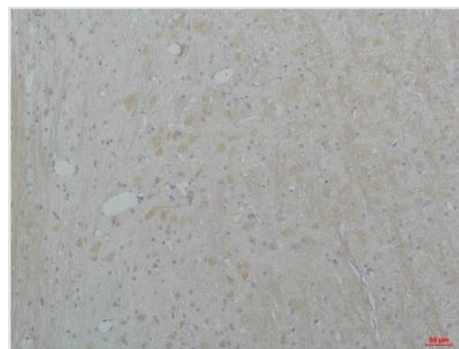
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-Cav2.2 antibody	IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

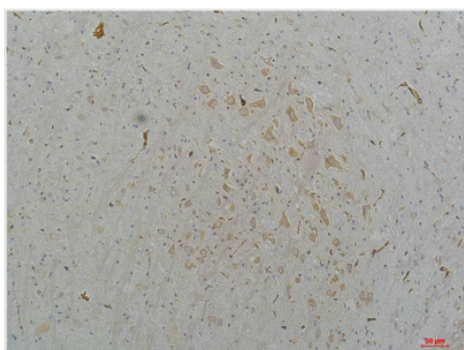
IMAGES


Application Data

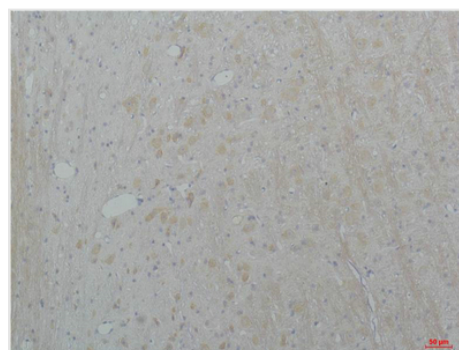
Dilution: IHC 1:50-100


Application Data

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IHC (Immunohistochemistry)

Dilution: IHC: 1:50-100

ADDITIONAL INFORMATION

Related Product Information for anti-Cav2.2 antibody	Voltage-sensitive calcium channels (VSCC) mediate the entry of calcium ions into excitable cells and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division and cell death. The isoform alpha-1B gives rise to N-type calcium currents. N-type calcium channels belong to the 'high-voltage activated' (HVA) group and are specifically blocked by omega-conotoxin-GVIA (AC P01522)(AC P01522)(By similarity). They are however insensitive to dihydropyridines (DHP). Calcium channels containing alpha-1B subunit may play a role in directed migration of immature neurons.
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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-immunohistochemistry-elisa/293723>