

Rabbit Cav3.3 Polyclonal Antibody | anti-Cav3.3 antibody

Cav3.3 Polyclonal Antibody

CATALOG # AAA173782	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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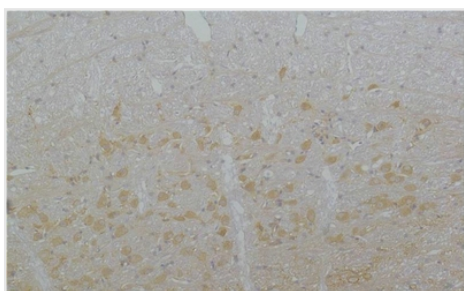
PRODUCT SYNONYMS

Cav3.3; Polyclonal Antibody; Cav3.3 Polyclonal Antibody; anti-Cav3.3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	2188
Applicable Applications for anti-Cav3.3 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using Cav3.3 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Cav3.3 antibody	This gene encodes the pore-forming alpha subunit of a voltage gated calcium channel. The encoded protein is a member of a subfamily of calcium channels referred to as is a low voltage-activated, T-type, calcium channel. The channel encoded by this protein is characterized by a slower activation and inactivation compared to other T-type calcium channels. This protein may be involved in calcium signaling in neurons. Alternate splicing results in multiple transcript variants. CACNA1I (Calcium Voltage-Gated Channel Subunit Alpha1 I) is a Protein Coding gene. Diseases associated with CACNA1I include Childhood Absence Epilepsy. Among its related pathways are CCR5 Pathway in Macrophages and PEDF Induced Signaling. GO annotations related to this gene include ion channel activity and low voltage-gated calcium channel activity. An important paralog of this gene is CACNA1H.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51093859
NCBI GeneID	8911
NCBI Accession #	NP_001003406.1
NCBI GenBank Nucleotide #	NM_001003406.1
UniProt Accession #	Q9P0X4; O95504; Q5JZ88; Q7Z6S9; Q8NFX6; Q9NZC8; Q9UH15; Q9UH30; Q9ULU9; B0QY12; B0QY13; B0QY14
Molecular Weight	241,448 Da
NCBI Official Full Name	voltage-dependent T-type calcium channel subunit alpha-1I isoform b
NCBI Official Synonym Full Names	calcium voltage-gated channel subunit alpha1 I
NCBI Official Symbol	CACNA1I
NCBI Official Synonym Symbols	Cav3.3; ca(v)3.3
NCBI Protein Information	voltage-dependent T-type calcium channel subunit alpha-1I
UniProt Protein Name	Voltage-dependent T-type calcium channel subunit alpha-1I
UniProt Gene Name	CACNA1I
UniProt Synonym Gene Names	KIAA1120; Ca(v)3.3

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/cav33-antibody-immunohistochemistry-elisa/173782>