

Rabbit Cav1.3 Polyclonal Antibody | anti-Cav1.3 antibody

Cav1.3 Polyclonal Antibody

CATALOG # AAA173781	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Cav1.3; Polyclonal Antibody; Cav1.3 Polyclonal Antibody; CACH3; CACN4; PASNA; SANDD; CCHL1A2; CACNL1A2; anti-Cav1.3 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	2181
Applicable Applications for anti-Cav1.3 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain tissue using Cav1.3 Polyclonal Antibody at dilution of 1:200.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using Cav1.3 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Cav1.3 antibody

Voltage-dependent calcium channels 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, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502527
NCBI GeneID	776
NCBI Accession #	NP_000711.1
NCBI GenBank Nucleotide #	NM_000720.3
UniProt Accession #	Q01668; Q13916; Q13931; Q71UT1; Q9UDC3; B0FYA3
Molecular Weight	242,417 Da
NCBI Official Full Name	voltage-dependent L-type calcium channel subunit alpha-1D isoform a
NCBI Official Synonym Full Names	calcium voltage-gated channel subunit alpha1 D
NCBI Official Symbol	CACNA1D
NCBI Official Synonym Symbols	CACH3; CACN4; PASNA; SANDD; Cav1.3; CCHL1A2; CACNL1A2
NCBI Protein Information	voltage-dependent L-type calcium channel subunit alpha-1D
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1D
UniProt Gene Name	CACNA1D
UniProt Synonym Gene Names	CACH3; CACN4; CACNL1A2; CCHL1A2

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://stage.aaabiotech.com/polyclonal/cav13-antibody-immunohistochemistry-elisa/173781>