

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

Cav1.3 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318901	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

Cav1.3; Polyclonal Antibody; Cav1.3 Rabbit Polyclonal Antibody; Voltage-dependent L-type calcium channel subunit alpha-1D (Calcium channel; L type; alpha-1 polypeptide; isoform 2)(Voltage-gated calcium channel subunit alpha Cav1.3); YM3535; BH6842; anti-Cav1.3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Cav1.3 protein (A202) detects endogenous levels of Cav1.3
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-Cav1.3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of Cav1.3
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 Cav1.3Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav1.3Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Cav1.3 antibody

calcium voltage-gated channel subunit alpha1 D (CACNA1D) Homo sapiens 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. [provided by RefSeq, Dec 2012]

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241275
NCBI GeneID	776
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
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, L type, alpha 1D subunit
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; voltage-gated calcium channel alpha 1 subunit; voltage-gated calcium channel alpha subunit Cav1.3; calcium channel, L type, alpha-1 polypeptide, isoform 2; calcium channel, neuroendocrine/brain-ty
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1D
UniProt Gene Name	CACNA1D
UniProt Synonym Gene Names	CACH3; CACN4; CACNL1A2; CCHL1A2
UniProt Entry Name	CAC1D_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://stage.aaabiotech.com/polyclonal/cav13-antibody-immunofluorescence-immunohistochemistry-elisa/318901>