

Rabbit Cav pan alpha1 Polyclonal Antibody | anti-CACNA1C antibody

Cav pan alpha1 Polyclonal Antibody

CATALOG # AAA173783	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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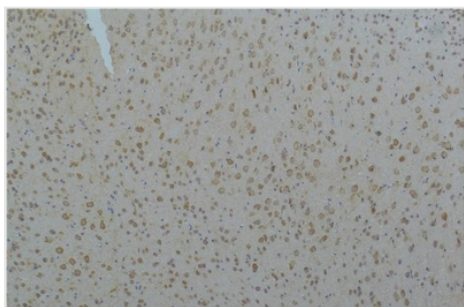
PRODUCT SYNONYMS

Cav pan alpha1; Polyclonal Antibody; Cav pan alpha1 Polyclonal Antibody; TS; LQT8; CACH2; CACN2; CaV1.2; CCHL1A1; CACNL1A1; anti-CACNA1C antibody

PRODUCT SPECIFICATIONS

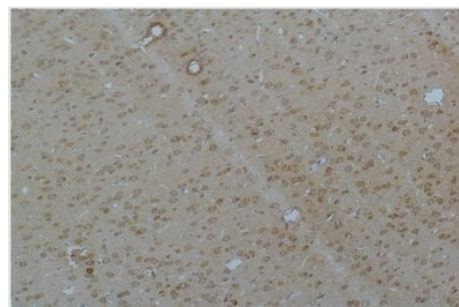
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	2138
Applicable Applications for anti-CACNA1C antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% 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 Cav pan alpha1 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue using Cav pan alpha1 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA1C antibody	This gene encodes an alpha-1 subunit of a voltage-dependent calcium channel. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization. The alpha-1 subunit consists of 24 transmembrane segments and forms the pore through which ions pass into the cell. The calcium channel consists of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. There are multiple isoforms of each of these proteins, either encoded by different genes or the result of alternative splicing of transcripts. The protein encoded by this gene binds to and is inhibited by dihydropyridine. Alternative splicing results in many transcript variants encoding different proteins. Some of the predicted proteins may not produce functional ion channel subunits.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120433602
NCBI GeneID	775
NCBI Accession #	NP_000710.5
NCBI GenBank Nucleotide #	NM_000719.6
UniProt Accession #	Q13936; Q13917; Q13918; Q13919; Q13920; Q13921; Q13922; Q13923; Q13924; Q13925; B2RUT3; E9PDJ0
Molecular Weight	239,704 Da
NCBI Official Full Name	voltage-dependent L-type calcium channel subunit alpha-1C isoform 18
NCBI Official Synonym Full Names	calcium voltage-gated channel subunit alpha1 C
NCBI Official Symbol	CACNA1C
NCBI Official Synonym Symbols	TS; LQT8; CACH2; CACN2; CaV1.2; CCHL1A1; CACNL1A1
NCBI Protein Information	voltage-dependent L-type calcium channel subunit alpha-1C
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit alpha-1C
UniProt Gene Name	CACNA1C
UniProt Synonym Gene Names	CACH2; CACN2; CACNL1A1; CCHL1A1

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/cav-pan-alpha1-antibody-immunohistochemistry-elisa/173783>