

Rabbit Cav pan alpha1 Polyclonal Antibody | anti-Cav antibody

Cav pan alpha1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318899	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry

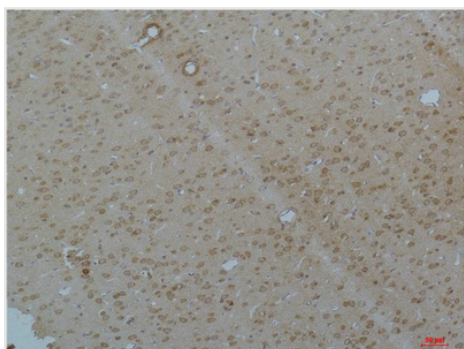
PRODUCT SYNONYMS

Cav pan alpha1; Polyclonal Antibody; Cav pan alpha1 Rabbit Polyclonal Antibody; Voltage-dependent L-type calcium channel subunit alpha-1C (Calcium channel; L type; alpha-1 polypeptide; isoform 1; cardiac muscle)(Voltage-gated calcium channel subunit alpha Cav1.2); YM3540; BH6842; anti-Cav antibody

PRODUCT SPECIFICATIONS

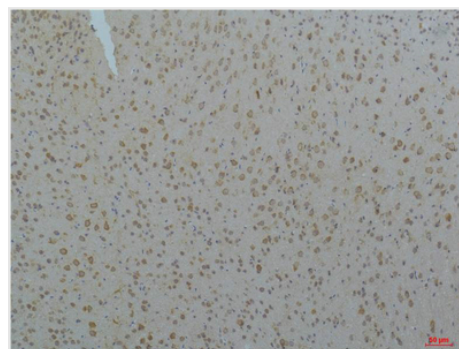
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Cav pan alpha1 protein (A211) detects endogenous levels of Cav pan alpha1
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Cav antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of Cav pan alpha1
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 Cav pan 1 Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Cav antibody	calcium voltage-gated channel subunit alpha1 C (CACNA1C) Homo sapiens 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. [provided by RefSeq, Oct 2012]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	951207
NCBI GeneID	775
UniProt Accession #	Q13936; Q13917; Q13918; Q13919; Q13920; Q13921; Q13922; Q13923; Q13924; Q13925; B2RUT3; E9PDJ0
Molecular Weight	252,507 Da
NCBI Official Full Name	voltage-gated calcium channel, partial
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-immunofluorescence-immunohistochemistry-elisa/318899>