

Rabbit Cav3.2 Polyclonal Antibody | anti-Cav3.2 antibody

Cav3.2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318903	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry

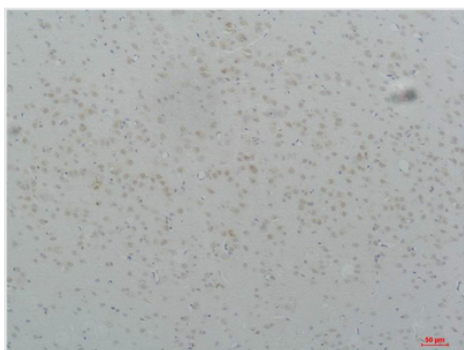
PRODUCT SYNONYMS

Cav3.2; Polyclonal Antibody; Cav3.2 Rabbit Polyclonal Antibody; CACNA1H; Voltage-dependent T-type calcium channel subunit alpha-1H; Low-voltage-activated calcium channel alpha1 3.2 subunit; Voltage-gated calcium channel subunit alpha Cav3.2; YM3537; BH6842; Voltage-dependent T-type calcium channel subunit alpha-1H (Low-voltage-activated calcium channel alpha1 3.2 subunit)(Voltage-gated calcium channel subunit alpha Cav3.2); anti-Cav3.2 antibody

PRODUCT SPECIFICATIONS

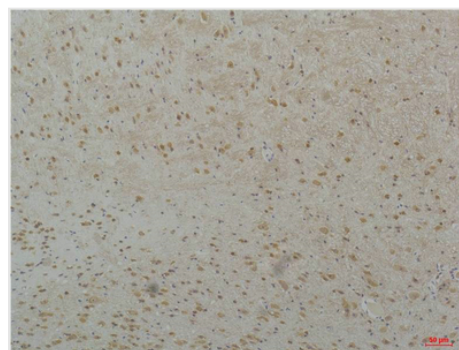
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Cav3.2 protein (A208) detects endogenous levels of Cav3.2
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Cav3.2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of Cav3.2
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 Cav3.2Rabbit pAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav3.2Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-Cav3.2 antibody	calcium voltage-gated channel subunit alpha1 H (CACNA1H) Homo sapiens This gene encodes a T-type member of the alpha-1 subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. The alpha-1 subunit has 24 transmembrane segments and forms the pore through which ions pass into the cell. There are multiple isoforms of each of the proteins in the complex, either encoded by different genes or the result of alternative splicing of transcripts. Alternate transcriptional splice variants, encoding different isoforms, have been characterized for the gene described here. Studies suggest certain mutations in this gene lead to childhood absence epilepsy (CAE). [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53832011
NCBI GeneID	8912
NCBI Accession #	NP_001005407.1
NCBI GenBank Nucleotide #	NM_001005407.1
UniProt Accession #	O95180; O95802; Q8WWI6; Q96QI6; Q96RZ9; Q9NYY4; Q9NYY5; B5ME00; F8WFD1
Molecular Weight	259,163 Da
NCBI Official Full Name	voltage-dependent T-type calcium channel subunit alpha-1H isoform b
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, T type, alpha 1H subunit
NCBI Official Symbol	CACNA1H
NCBI Official Synonym Symbols	ECA6; EIG6; Cav3.2; CACNA1HB
NCBI Protein Information	voltage-dependent T-type calcium channel subunit alpha-1H; voltage-gated calcium channel alpha subunit Cav3.2; voltage-gated calcium channel alpha subunit CavT.2; voltage-gated calcium channel subunit alpha Cav3.2; low-voltage-activated calcium channel al
UniProt Protein Name	Voltage-dependent T-type calcium channel subunit alpha-1H
UniProt Gene Name	CACNA1H
UniProt Entry Name	CAC1H_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://www.aaabiotech.com/polyclonal/cav32-antibody-immunofluorescence-immunohistochemistry-elisa/318903>