

Cav3.3 rabbit pAb

Cat No.:ES20794

For research use only

Overview

Product NameCav3.3 rabbit pAbHost speciesRabbitApplicationsIHC;IFSpecies Cross-ReactivityHuman;Rat;MouseRecommended dilutionsIHC 1:100-200ImmunogenSynthetic Peptide of Cav3.3 AA range: 210-290SpecificityCav3.3 protein(A209) detects endogenous levels of Cav3.3FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.StorageStore at -20°C. Avoid repeated freeze-thaw cycles.Protein NameVoltage-dependent T-type calcium channel subunit alpha-11 (Voltage-gated calcium channel subunit alpha Cav3.3) (Ca(v)3.3)Gene NameCACNA11Cellular localizationMembrane; Multi-pass membrane protein.PurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.ClonalityPolyclonalOncentration1 mg/mlObserved band240kD
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Human Gene ID 8911
Human Swiss-Prot Number Q9P0X4
Alternative Names Voltage-dependent T-type calcium channel subunit
alpha-1I (Voltage-gated calcium channel subunit
alpha Cav3.3;Ca(v)3.3)
Background calcium voltage-gated channel subunit alpha1
I(CACNA1I) Homo sapiens This gene encodes
the pore-forming alpha subunit of a voltage gated
calcium channel. The encoded protein is a member
of a subfamily of calcium channels referred to as is a
low weltage activisted T time colours channel The



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channel encoded by this protein is characterized by a slower activation and inactivation compared to other T-type calcium channels. This protein may be involved in calcium signaling in neurons. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011],

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav3.3Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav3.3Rabbit pAb diluted at 1:200.





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