



Cav3.3 rabbit pAb

Cat No.:ES20794

For research use only

Overview

Product Name	Cav3.3 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	IHC 1:100-200
Immunogen	Synthetic Peptide of Cav3.3 AA range: 210-290
Specificity	Cav3.3 protein(A209) detects endogenous levels of Cav3.3
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Voltage-dependent T-type calcium channel subunit alpha-1I (Voltage-gated calcium channel subunit alpha Cav3.3) (Ca(v)3.3)
Gene Name	CACNA1I
Cellular localization	Membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	240kD
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 voltage-activated, T-type, calcium channel. The





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.

