ELK Biotechnology

CaVα2δ3 rabbit pAb

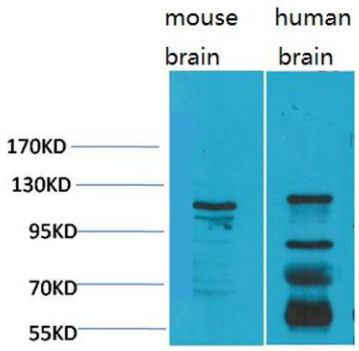
Cat No.:ES20791

For research use only

Overview

Product Name	CaVα2δ3 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthetic Peptide of CaVα2δ3 AA range: 500-580
Specificity	CaVα2δ3 protein(A210) detects endogenous levels of CaVα2δ3
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 calcium channel subunit alpha-2/delta-3 (Voltage-gated calcium channel subunit alpha-2/delta-3) [Cleaved into: Voltage-dependent calcium channel subunit alpha-2-3; Voltage-dependent
Gene Name	CACNA2D3
Cellular localization	Membrane ; Single-pass type I 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	120kD
Human Gene ID	55799
Human Swiss-Prot Number	Q8IZS8
Alternative Names	Voltage-dependent calcium channel subunit alpha-2/delta-3 (Voltage-gated calcium channel subunit alpha-2/delta-3) [Cleaved into: Voltage-dependent calcium channel subunit alpha-2-3; Voltage-dependent calcium channel subunit delta-3]
Background	calcium voltage-gated channel auxiliary subunit

alpha2delta 3(CACNA2D3) Homo sapiens This gene encodes a member of the alpha-2/delta 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. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008],



Western blot analysis of 1) Mouse Brain Tissue, 2)Human Brain Tissue, with CaVα2δ3 Rabbit pAb diluted at 1:2,000.

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