

CaV alpha2delta3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14712
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of CaV α 2 δ 3
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Voltage-dependent calcium channel subunit alpha-2/delta-3
Synonyms	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 ; Voltage-dependent calcium channel subunit alpha-2/delta-3; Voltage-gated calcium channel subunit alpha-2/delta-3; Voltage-dependent calcium channel subunit alpha-2-3; Voltage-dependent calcium channel subunit delta-3;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

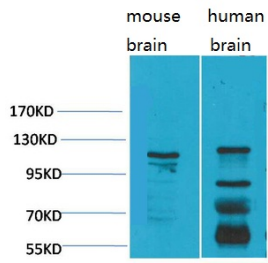
Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of 1) Mouse Brain Tissue, 2) Human Brain Tissue, with CaV α 2 δ 3 Rabbit pAb diluted at 1:2,000.

Storage

-20°C for 1 year

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