

Cav1.3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14708
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Cav1.3
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Voltage-dependent L-type calcium channel subunit alpha-1D
Synonyms	Voltage-dependent L-type calcium channel subunit alpha-1D ;Calcium channel, L type, alpha-1 polypeptide, isoform 2;Voltage-gated calcium channel subunit alpha Cav1.3; Voltage-dependent L-type calcium channel subunit alpha-1D; Calcium channel, L type, alpha-1 polypeptide, isoform 2; Voltage-gated calcium channel subunit alpha Cav1.3

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

Background

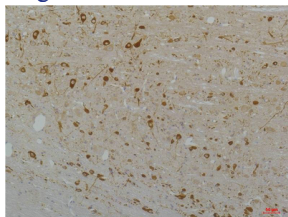
Voltage-dependent calcium channels mediate the entry of calcium ions into excitable cells, and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

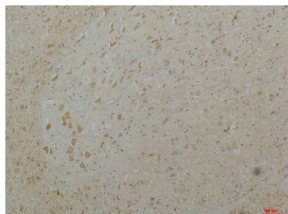
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav1.3Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav1.3Rabbit pAb diluted at 1:200.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com