

CAC1E Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14592
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 370-450
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Voltage-dependent R-type calcium channel subunit alpha-1E
Synonyms	Voltage-dependent R-type calcium channel subunit alpha-1E ;Brain calcium channel II;BII;Calcium channel, L type, alpha-1 polypeptide, isoform 6;Voltage-gated calcium channel subunit alpha Cav2.3

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

Background

Voltage-dependent calcium channels are multisubunit complexes consisting of alpha-1, alpha-2, beta, and delta subunits in a 1:1:1:1 ratio. These 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, gene expression, cell motility, cell division and cell death. This gene encodes the alpha-1E subunit of the R-type calcium channels, which belong to the 'high-voltage activated' group that maybe involved in the modulation of firing patterns of neurons important for information processing. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilution

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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