

CACNA1E

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 262kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CACNA1E

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BII; CACH6; gm139; Cav2.3; CACNL1A6;

Catalog #: A10203

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 777

Isotype: IgG

Swiss Prot: Q15878

Purity: Affinity purification

For research use only.

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.

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