

## CACNA1E

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**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;

**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.

**To place an order, please [Click HERE](#).**

**Catalog #:**A10203

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**777

**Isotype:**IgG

**Swiss Prot:**Q15878

**Purity:**Affinity purification

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