

CAB10203

Product Information

Product SKU:	CAB10203	Gene ID:	777	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	290kDa	Conjugate:	Unconjugated
Calculated MW:	262kDa	Isotype:	IgG

Immunogen Information

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:	WB,1:500 - 1:2000
Synonyms:	BII; CACH6; DEE69; gm139; Cav2.3; EIEE69; CACNL1A6; CACNA1E
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 2014-2313 of human CACNA1E (NP_001192222.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.