

For Research Use Only

CACNA1I-Specific Polyclonal antibody



Catalog Number: 19534-1-AP

Basic Information

Catalog Number: 19534-1-AP	GenBank Accession Number: NM_021096	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8911	
Source: Rabbit	Full Name: calcium channel, voltage-dependent, T type, alpha 1l subunit	
Isotype: IgG	Calculated MW: 245 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

CACNA1I, also named as Cav3.3 and KIAA1120, belongs to the calcium channel alpha-1 subunit (TC 1.A.1.11) family. Voltage-sensitive calcium channels (VSCC) 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. CACNA1I gives rise to T-type calcium currents. CACNA1I may also be involved in the modulation of firing patterns of neurons which is important for information processing as well as in cell growth processes. This antibody is specific to CACNA1I.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
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Selected Validation Data