

CACNA1B Rabbit Polyclonal Antibody



CAB16687

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

262kDa

Calculated MW:

251kDa/262kDa

Applications:

WB

Reactivity:

Human

Protein Background

The protein encoded by this gene is the pore-forming subunit of an N-type voltage-dependent calcium channel, which controls neurotransmitter release from neurons. The encoded protein forms a complex with alpha-2, beta, and delta subunits to form the high-voltage activated channel. This channel is sensitive to omega-conotoxin-GVIA and omega-agatoxin-IIIa but insensitive to dihydropyridines. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

774

Uniprot

Q00975

Synonyms:

CACNA1B; BIII; CACNL1A5; CACNN; Cav2.2; DYT23

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

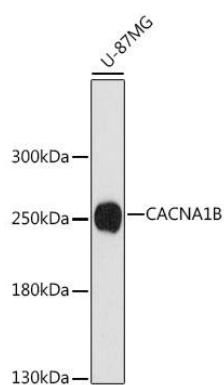
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 2200 to the C-terminus of human CACNA1B (NP_000709.1).

Storage:

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

Product Images



Western blot analysis of extracts of U-87MG cells, using CACNA1B antibody (CAB16687) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3min.