CACNA1D Rabbit Polyclonal Antibody

CAB15034

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

260kDa

Calculated MW:

187kDa/242kDa/245kDa/247 kDa

Applications:

WB

Reactivity:

Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

Voltage-dependent calcium 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, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:
776

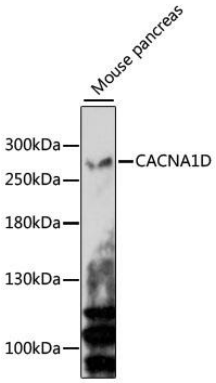
Uniprot
Q01668

Synonyms:
CACNA1D; CACH3; CACN4; CACNL1A2; CCHL1A2; Cav1.3; PASNA; SANDD

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1882-2181 of human CACNA1D (NP_000711.1).

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

Product Images



Western blot analysis of extracts of Mouse pancreas, using CACNA1D antibody (CAB15034) at 1:3000 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 Enhanced Kit (CABM00021). Exposure time: 5min.