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Datasheet for ABIN6566870
anti-CACNA2D3 antibody

1 Image

Overview

Quantity:	200 µL
Target:	CACNA2D3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA2D3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human CACNA2D3
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	CACNA2D3
Alternative Name:	CACNA2D3 (CACNA2D3 Products)
Background:	Synonyms: CA2D3,Cacna2d3,Calcium channel alpha2 delta3 subunit,Calcium channel voltage dependent alpha 2/delta subunit 3,Calcium channel voltage-dependent alpha 2/delta 3 subunit,HSA272268,Voltage dependent calcium channel subunit alpha 2/delta 3,Voltage-dependent calcium channel subunit delta-3,Voltage-gated calcium channel subunit alpha-2/delta-3

Target Details

Background: This gene encodes a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

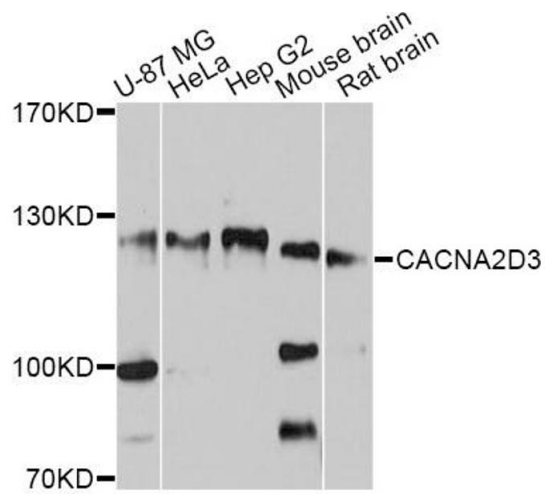
Molecular Weight:	Observed_MW: 123kDa Calculated_MW: 59kDa/112kDa/123kDa
Gene ID:	55799
UniProt:	Q8IZS8

Application Details

Application Notes:	WB 1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CACNA2D3 antibody.