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Datasheet for ABIN6243081 anti-CACNA1F antibody (AA 743-776)

I Image



Overview

Quantity:	200 µL
Target:	CACNA1F
Binding Specificity:	AA 743-776
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1F antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CACNA1F antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 743-776 amino acids from the Central region of human CACNA1F.
Clone:	RB53557
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

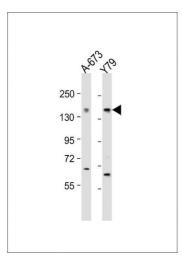
Target Details

Target:	CACNA1F
Alternative Name:	CACNA1F (CACNA1F Products)
Background:	Voltage-sensitive calcium channels (VSCC) mediate the entry of calcium ions into excitable

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Target Details

	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. The isoform alpha-1F gives rise to L-type calcium currents. Long-lasting (L-type) calcium channels belong to the 'high-voltage activated' (HVA) group. They are blocked by dihydropyridines (DHP), phenylalkylamines, benzothiazepines, and by omega-agatoxin-IIIA (omega-Aga-IIIA). They are however insensitive to omega-conotoxin- GVIA (omega-CTx-GVIA) and omega-agatoxin-IVA (omega-Aga-IVA).
Molecular Weight:	220678
UniProt:	060840
Application Details	
Application Notes:	WB: 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. All lanes : Anti-CACNA1F Antibody (Center) at 1:2000 dilution Lane 1: A-673 whole cell lysate Lane 2: Y79 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 221 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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