

Datasheet for ABIN929357 **anti-CACNA2D4 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	CACNA2D4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA2D4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CACNA2 D4 antibody was raised in rabbit using the C terminal of CACNA2 4 as the immunogen
Purification:	Purified

Target Details

Target:	CACNA2D4
Alternative Name:	CACNA2D4 (CACNA2D4 Products)
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

Target Details

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. Synonyms: Polyclonal CACNA2D4 antibody, Anti-CACNA2D4 antibody, calcium channel, voltage-dependent, alpha 2/delta subunit 4 antibody, RCD4 antibody.

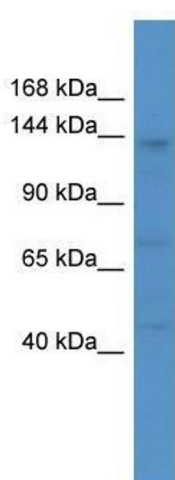
Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CACNA2D4 Blocking Peptide, catalog no. 33R-5650, is also available for use as a blocking control in assays to test for specificity of this CACNA2D4 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. CACNA2D4 antibody used at 0.2-1 µg/ml to detect target protein.