



[Go to Product page](#)

Datasheet for ABIN653695  
**anti-CACNA2D3 antibody (C-Term)**

2 Images

Overview

Quantity:	400 µL
Target:	CACNA2D3
Binding Specificity:	AA 1026-1053, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA2D3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This CACNA2D3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1026-1053 amino acids from the C-terminal region of human CACNA2D3.
Clone:	RB24426
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CACNA2D3
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## Target Details

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Alternative Name:	CACNA2D3 ( <a href="#">CACNA2D3 Products</a> )
Background:	CACNA2D3 is 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.
Molecular Weight:	123011
Gene ID:	55799
NCBI Accession:	<a href="#">NP_060868</a>
UniProt:	<a href="#">Q8IZS8</a>

## Application Details

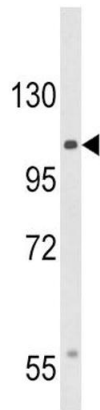
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Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

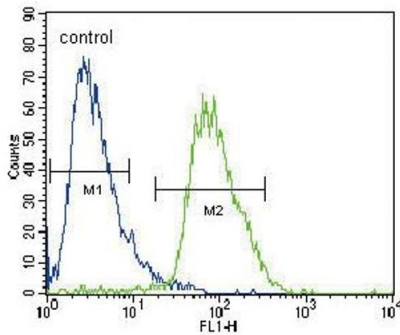
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** Western blot analysis of CACNA2D3 Antibody (C-term) (ABIN653695 and ABIN2843014) in HepG2 cell line lysates (35 µg/lane). CACNA2D3 (arrow) was detected using the purified Pab.



### Flow Cytometry

**Image 2.** CACNA2D3 Antibody (C-term) (ABIN653695 and ABIN2843014) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.