Datasheet for ABIN633675

anti-CACNA2D1 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	CACNA2D1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA2D1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CACNA2 D1 antibody was raised using the middle region of CACNA2 1 corresponding to a region with amino acids PKSQEPVTLDFLDAELENDIKVEIRNKMIDGESGEKTFRTLVKSQDERYI
Specificity:	CACNA2 D1 antibody was raised against the middle region of CACNA2 1
Purification:	Affinity purified

Target Details

Target:	CACNA2D1
Alternative Name:	CACNA2D1 (CACNA2D1 Products)
Background:	CACNA2D1 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,

Target Details

	and gamma subunits in a 1:1:1:1 ratio.
Molecular Weight:	120 kDa (MW of target protein)

Application Details

Application Notes:	WB: 0.12 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CACNA2D1 Blocking Peptide, catalog no. 33R-7178, is also available for use as a blocking control in assays to test for specificity of this CACNA2D1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CACNA0 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Western Blotting

Image 1. CACNA2D1 antibody used at 0.12 ug/ml to detect target protein.