Datasheet for ABIN7305320

anti-CACNA2D1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	CACNA2D1
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA2D1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence of rat CACNA2D1.
Specificity:	Recognizes endogenous levels of CACNA2D1 protein.
Characteristics:	Rabbit polyclonal to CACNA2D1
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	CACNA2D1
Alternative Name:	CACNA2D1 (CACNA2D1 Products)
Background:	CACNL2A, CCHL2A, MHS3, Voltage-dependent calcium channel subunit alpha-2/delta-1, Voltage-gated calcium channel subunit alpha-2/delta-1
UniProt:	P54290

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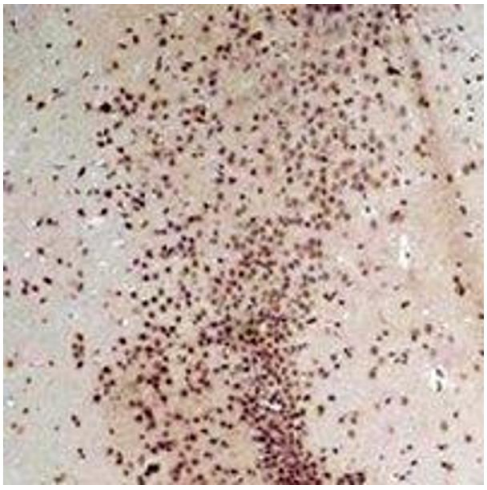
Application Details

Application Notes:	WB (1:1000 - 1:2000), IH (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of CACNA2D1 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the

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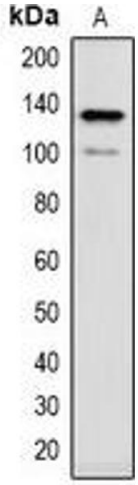

Western Blotting

Image 2. Western blot analysis of CACNA2D1 expression in rat brain (A) whole cell lysates.

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