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Datasheet for ABIN2776096

anti-CACNB3 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	CACNB3
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CACNB3
Sequence:	EHSPLERDSL MPSDEASESS RQAWTGSSQR SSRHLEEDYA DAYQDLYQPH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CACNB3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	CACNB3
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Target Details

Alternative Name:	CACNB3 (CACNB3 Products)
Background:	<p>The L-type calcium channel is composed of four subunits: alpha-1, alpha-2, beta and gamma. The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.</p> <p>Alias Symbols: CAB3, CACNLB3</p> <p>Protein Interaction Partner: FASLG, CACNA1C,</p> <p>Protein Size: 484</p>
Molecular Weight:	53 kDa
Gene ID:	784
NCBI Accession:	NM_000725 , NP_000716
UniProt:	P54284
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 484 AA
Restrictions:	For Research Use only

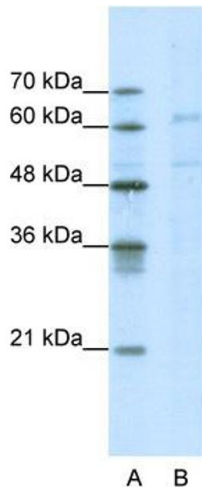
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

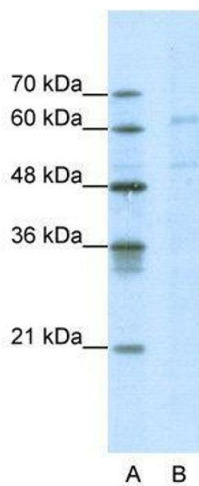
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CACNB3 Antibody Titration: 2.5ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate CACNB3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Western Blotting

Image 2. WB Suggested Anti-CACNB3 Antibody Titration: 2.5 µg/mL ELISA Titer: 1:2500 Positive Control: Jurkat cell lysate CACNB3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells