

Datasheet for ABIN2776092  
**anti-CACNB1 antibody (N-Term)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	CACNB1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CACNB1
Sequence:	EVFDPSPQ GK YSKRKGRFKR SDGSTSSDTT SNSFVRQGSA ESYTSRPSDS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CACNB1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CACNB1
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## Target Details

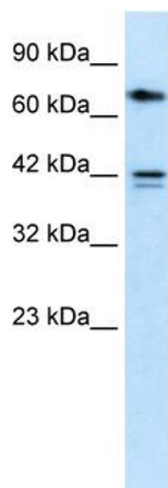
Alternative Name:	CACNB1 ( <a href="#">CACNB1 Products</a> )
Background:	<p>The protein encoded by CACNB1 belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation.</p> <p>Alias Symbols: CAB1, CACNLB1, CCHLB1, MGC41896</p> <p>Protein Interaction Partner: SRPK1, APP, ATN1, NEDD4L, UBC, REM1, DYNLL1, CACNA1A,</p> <p>Protein Size: 598</p>
Molecular Weight:	66 kDa
Gene ID:	782
NCBI Accession:	<a href="#">NM_000723</a> , <a href="#">NP_000714</a>
UniProt:	<a href="#">Q02641</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 598 AA
Restrictions:	For Research Use only

## Handling

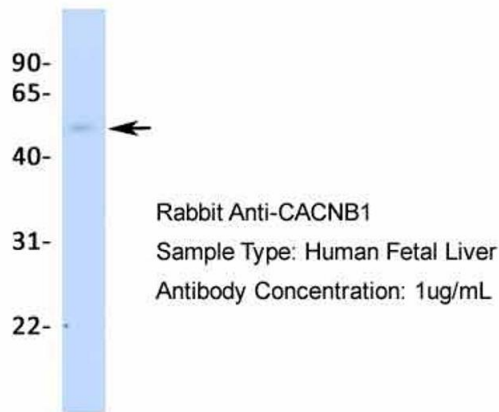
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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



Western Blotting

**Image 1.** WB Suggested Anti-CACNB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate

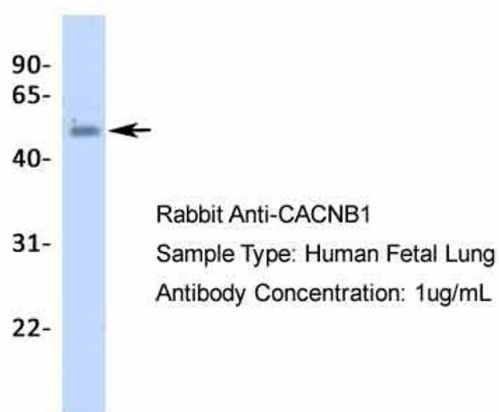
CACNB1



Western Blotting

**Image 2.** Host: Rabbit Target Name: CACNB1 Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml

CACNB1



Western Blotting

**Image 3.** Host: Rabbit Target Name: CACNB1 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2776092.