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Datasheet for ABIN7263645  
**anti-CACNB1 antibody**

1 Image

### Overview

Quantity:	200 µL
Target:	CACNB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant fusion protein of human CACNB1 (NP_000714.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	CACNB1
Alternative Name:	CACNB1 ( <a href="#">CACNB1 Products</a> )
Background:	The protein encoded by this gene 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. Alternative splicing occurs at this locus and three

## Target Details

transcript variants encoding three distinct isoforms have been identified.

Molecular Weight: Observed\_MW: 66 kDa  
Calculated\_MW: 53 kDa/57 kDa/65 kDa

Gene ID: 782

UniProt: [Q02641](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

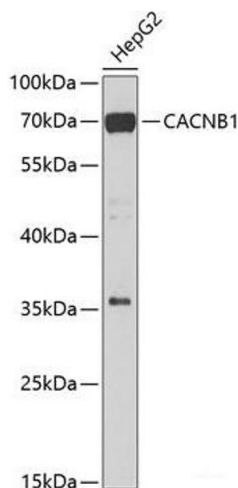
Preservative: Sodium azide

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: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of HepG2 cells using CACNB1 Polyclonal Antibody at dilution of 1:1000.