

## Datasheet for ABIN633634 **anti-CACNB3 antibody (N-Term)**



[Go to Product page](#)

### 1 Image

#### Overview

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

#### Product Details

Immunogen:	CACNB3 antibody was raised using the N terminal of CACNB3 corresponding to a region with amino acids MYDDSYVPGFEDSEAGSADSYTSRPSLSDVSLLEEDRESARREVESQAQQ
Specificity:	CACNB3 antibody was raised against the n terminal of CACNB3
Purification:	Affinity purified

#### Target Details

Target:	CACNB3
Alternative Name:	CACNB3 ( <a href="#">CACNB3 Products</a> )
Background:	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

## Target Details

---

activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.

Molecular Weight: 49 kDa (MW of target protein)

Pathways: [Myometrial Relaxation and Contraction](#)

## Application Details

---

Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: CACNB3 Blocking Peptide, catalog no. 33R-6623, is also available for use as a blocking control in assays to test for specificity of this CACNB3 antibody

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CACNB3 antibody in PBS

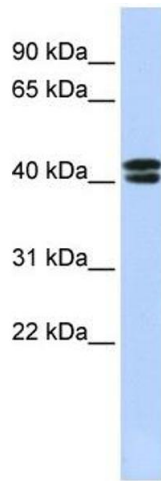
Concentration: Lot specific

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.** CACNB3 antibody used at 1 ug/ml to detect target protein.