

Datasheet for ABIN633640 **anti-CACNB1 antibody (N-Term)**



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1 Image

Overview

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

Product Details

Immunogen:	CACNB1 antibody was raised using the N terminal of CACNB1 corresponding to a region with amino acids EVFDPSPQGKYSKRKGRFKRSDGSTSSDTSNSFVRQGS AESYTSRPSDS
Specificity:	CACNB1 antibody was raised against the N terminal of CACNB1
Purification:	Affinity purified

Target Details

Target:	CACNB1
Alternative Name:	CACNB1 (CACNB1 Products)
Background:	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

Target Details

dependence of activation and inactivation.

Molecular Weight: 66 kDa (MW of target protein)

Application Details

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

Comment: CACNB1 Blocking Peptide, catalog no. 33R-2782, is also available for use as a blocking control in assays to test for specificity of this CACNB1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CACNB1 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. CACNB1 antibody used at 1 ug/ml to detect target protein.