

Datasheet for ABIN633706  
**anti-CACNA1I antibody (Middle Region)**



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## Overview

Quantity:	100 µL
Target:	CACNA1I
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1I antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	CACNA1 I antibody was raised using the middle region of CACNA1 corresponding to a region with amino acids LRTDTGDTVPRKNFDSLLWAIIVTFQILTQEDWNVLYNGMASTSPWAS
Specificity:	CACNA1 I antibody was raised against the middle region of CACNA1
Purification:	Affinity purified

## Target Details

Target:	CACNA1I
Alternative Name:	CACNA1I ( <a href="#">CACNA1I Products</a> )
Background:	Voltage-dependent calcium channels control the rapid entry of Ca(2+) into a variety of cell types and are therefore involved in both electrical and cellular signaling. T-type channels, such as CACNA1I, are activated by small membrane depolarizations and can generate burst firing and

## Target Details

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pacemaker activity.

Molecular Weight: 245 kDa (MW of target protein)

## Application Details

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

Comment: CACNA1I Blocking Peptide, catalog no. 33R-5397, is also available for use as a blocking control in assays to test for specificity of this CACNA1I antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CACNA0 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.