

Datasheet for ABIN7441259
anti-CACNA1H antibody (AA 2160-2359)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CACNA1H
Binding Specificity:	AA 2160-2359
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1H antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Calcium Channel, Voltage Dependent, T-Type, Alpha 1H Subunit (CACNa1H)
Immunogen:	Recombinant Calcium Channel, Voltage Dependent, T-Type, Alpha 1H Subunit (CACNa1H) corresponding to Ser2160~Val2359 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CACNa1H. It has been selected for its ability to recognize CACNa1H in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

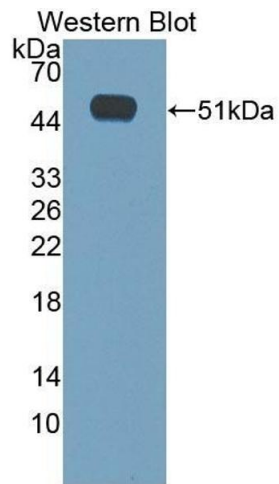
Target:	CACNA1H
Alternative Name:	Calcium Channel, Voltage Dependent, T-Type, Alpha 1H Subunit (CACNA1H Products)
Background:	CACNA1HB, Cav3.2, Low-voltage-activated calcium channel alpha1 3.2 subunit, Voltage-gated calcium channel subunit alpha Cav3.2
Pathways:	C21-Steroid Hormone Metabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1300 Immunohistochemistry: 5-20 µg/mL 1:30-130 Immunocytochemistry: 5-20 µg/mL 1:30-130 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant CACNa1H, Mouse using Polyclonal Antibody to Calcium Channel, Voltage Dependent, T-Type, Alpha 1H Subunit (CACNa1H)