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Datasheet for ABIN7140227 anti-CACNG8 antibody (AA 65-83)

Image



Overview

Quantity:	100 µL
Target:	CACNG8
Binding Specificity:	AA 65-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG8 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Peptide sequence from Human Voltage-dependent calcium channel gamma-8 subunit protein (65-83AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CACNG8
Alternative Name:	CACNG8 (CACNG8 Products)
Background:	Background: Regulates the trafficking and gating properties of AMPA-selective glutamate

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Target Details

	receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and
	modulates their gating properties by slowing their rates of activation, deactivation and
	desensitization and by mediating their resensitization. Does not show subunit-specific AMPA
	receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel
	in an inactivated (closed) state.
	Aliases: CACNG antibody, CACNG6 antibody, Cacng8 antibody, Calcium channel voltage
	dependent gamma subunit 8 antibody, CCG8_HUMAN antibody, Neuronal voltage gated
	calcium channel gamma 8 subunit antibody, Neuronal voltage-gated calcium channel gamma-8
	subunit antibody, TARP gamma-8 antibody, Transmembrane AMPAR regulatory protein
	gamma-8 antibody, Voltage dependent calcium channel gamma 8 subunit antibody, Voltage-
	dependent calcium channel gamma-8 subunit antibody
UniProt:	Q8WXS5
Application Details	
Application Notes:	Recommended dilution: IHC:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Droconuctivo:	DraClin
	FIGUIT
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7140227 diluted at 1:700 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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