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Datasheet for ABIN7140230

anti-CACNG8 antibody (AA 65-83) (HRP)

Overview

Quantity:	100 µL
Target:	CACNG8
Binding Specificity:	AA 65-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG8 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Peptide sequence from Human Voltage-dependent calcium channel gamma-8 subunit protein (65-83AA)
Isotype:	IgG
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

Target Details

receptors (AMPA). 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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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.