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Datasheet for ABIN7175572

**anti-CACNG3 antibody (AA 235-315) (Biotin)**

## Overview

Quantity:	100 µg
Target:	CACNG3
Binding Specificity:	AA 235-315
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG3 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Voltage-dependent calcium channel gamma-3 subunit protein (235-315AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CACNG3
Alternative Name:	CACNG3 ( <a href="#">CACNG3 Products</a> )
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. Does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity).

Aliases: CACNG3 Voltage-dependent calcium channel gamma-3 subunit antibody, Neuronal voltage-gated calcium channel gamma-3 subunit antibody, Transmembrane AMPAR regulatory protein gamma-3 antibody, TARP gamma-3 antibody

UniProt: [O60359](#)

## 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.