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Datasheet for ABIN7175575

anti-CACNG4 antibody (AA 208-327)

Overview

Quantity:	100 µL
Target:	CACNG4
Binding Specificity:	AA 208-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG4 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Voltage-dependent calcium channel gamma-4 subunit protein (208-327AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CACNG4
Alternative Name:	CACNG4 (CACNG4 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: CACNG4Voltage-dependent calcium channel gamma-4 subunit antibody, Neuronal voltage-gated calcium channel gamma-4 subunit antibody, Transmembrane AMPAR regulatory protein gamma-4 antibody, TARP gamma-4 antibody

UniProt: [Q9UBN1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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.