

CACNG3 Polyclonal Antibody
Catalog # AP63542**Specification**

CACNG3 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O60359
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

CACNG3 Polyclonal Antibody - Additional Information**Gene ID** 10368**Other Names**

Voltage-dependent calcium channel gamma-3 subunit; Neuronal voltage-gated calcium channel gamma-3 subunit; Transmembrane AMPAR regulatory protein gamma-3; TARP gamma-3

Dilution

WB~~WB: 1:1000-2000 IHC: 1:200-500
IHC-P~~N/A

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

CACNG3 Polyclonal Antibody - Protein Information**Name** CACNG3**Function**

Regulates the trafficking to the somatodendritic compartment and gating properties of AMPA-selective glutamate receptors (AMPA receptors). 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.

Cellular Location

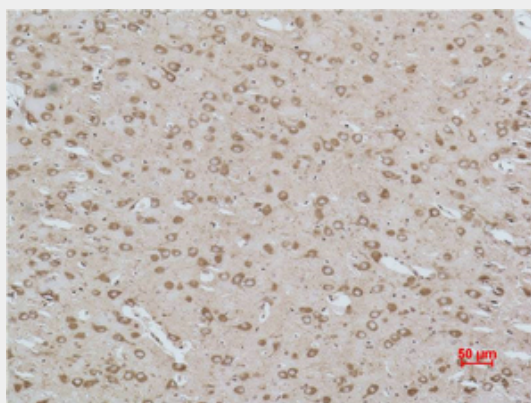
Membrane; Multi-pass membrane protein. Note=Displays a somatodendritic localization and is excluded from axons in neurons. {ECO:0000250|UniProtKB:Q9JJV5}

CACNG3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CACNG3 Polyclonal Antibody - Images



CACNG3 Polyclonal Antibody - Background

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