

Anti-CACNG5 Antibody
Rabbit polyclonal antibody to CACNG5
Catalog # AP60825**Specification**

Anti-CACNG5 Antibody - Product Information

Application	WB
Primary Accession	Q9UF02
Other Accession	Q8VHW4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30903

Anti-CACNG5 Antibody - Additional Information**Gene ID** 27091**Other Names**

Voltage-dependent calcium channel gamma-5 subunit; Neuronal voltage-gated calcium channel gamma-5 subunit; Transmembrane AMPAR regulatory protein gamma-5; TARP gamma-5

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNG5. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/2000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CACNG5 Antibody - Protein Information**Name** CACNG5**Function**

Regulates the gating properties of AMPA-selective glutamate receptors (AMPA receptors). Modulates their gating properties by accelerating their rates of activation, deactivation and desensitization. Displays subunit-specific AMPA receptor regulation. Shows specificity for GRIA1, GRIA4 and the long isoform of GRIA2. Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity).

Cellular Location

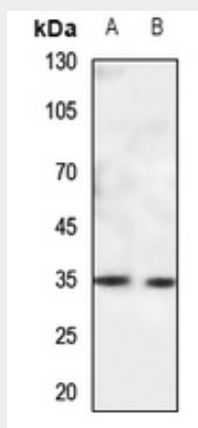
Membrane; Multi-pass membrane protein. Postsynaptic density membrane

Anti-CACNG5 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](#)

Anti-CACNG5 Antibody - Images



Western blot analysis of CACNG5 expression in DLD (A), mouse heart (B) whole cell lysates.

Anti-CACNG5 Antibody - Background

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