

Anti-CACNG5 Antibody

Rabbit polyclonal antibody to CACNG5

Catalog # AP60825

Product Information

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

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

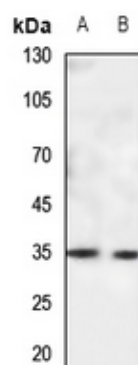
Protein Information

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

Background

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

Images



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

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