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Anti-CACNG8 Antibody

Catalog # AP61473

Product Information

Application	WB
Primary Accession	Q8WXS5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43313

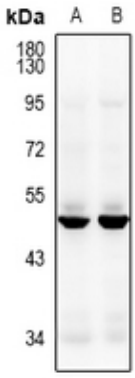
Additional Information

Gene ID	59283
Other Names	CACNG6; Voltage-dependent calcium channel gamma-8 subunit; Neuronal voltage-gated calcium channel gamma-8 subunit; Transmembrane AMPAR regulatory protein gamma-8; TARP gamma-8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNG8. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CACNG8 (HGNC:13628)
Synonyms	CACNG6
Function	Regulates the activity of L-type calcium channels that contain CACNA1C as pore-forming subunit (By similarity). Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPARs). 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.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q8VHW2}; Multi-pass membrane protein. Postsynaptic density membrane {ECO:0000250|UniProtKB:Q8VHW2}
Tissue Location	Detected in heart left ventricle.

Images



Western blot analysis of CACNG8 expression in PC3 (A), A549 (B) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 50 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.