

Anti-CACNG8 Antibody
Rabbit polyclonal antibody to CACNG8
Catalog # AP61473

Specification

Anti-CACNG8 Antibody - Product Information

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

Anti-CACNG8 Antibody - 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 0.09% (W/V) sodium azide.

Storage

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

Anti-CACNG8 Antibody - 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}

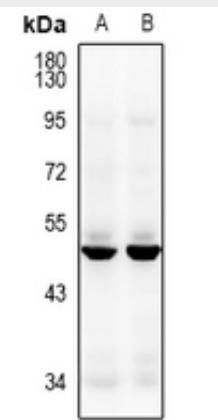
Tissue Location

Detected in heart left ventricle.

Anti-CACNG8 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-CACNG8 Antibody - Images

Western blot analysis of CACNG8 expression in PC3 (A), A549 (B) whole cell lysates.

Anti-CACNG8 Antibody - Background

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