

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

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**Anti-CACNG8 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8WXS5</a>
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**

Recognizes endogenous levels of CACNG8 protein.

**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**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 (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 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}

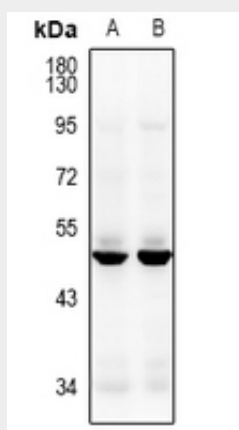
**Tissue Location**

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**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNG8. The exact sequence is proprietary.