

DATASHEET

CACNG8 Rabbit Polyclonal Antibody

CAT. NO. APA11565

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | CACNG8 | Source / Host | Rabbit |
| Reactivity | Human | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Regulates the activity of L-type calcium channels that contain CACNA1C as pore-forming subunit . 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

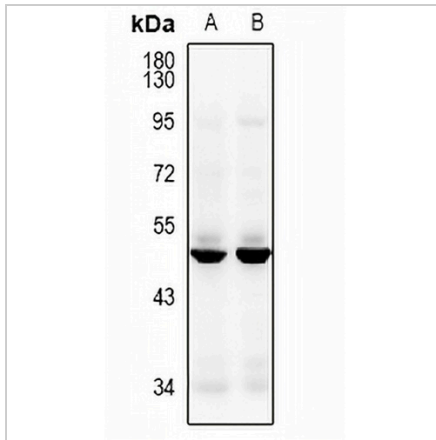
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to CACNG8 |
| Specificity | Recognizes endogenous levels of CACNG8 protein. |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNG8. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 43 kD; Observed: 50 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative 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 |
| Gene Symbol | CACNG8 |
| Entrez Gene | 59283(Human) |
| SwissProt | Q8WXS5(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CACNG8 Rabbit Polyclonal Antibody**

CAT. NO. APA11565

DATA

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

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.