

Anti-CACNG5 Antibody
Catalog # ABV11924**Specification**

Anti-CACNG5 Antibody - Product Information

Application	WB
Primary Accession	Q9UF02
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	30903

Anti-CACNG5 Antibody - Additional Information**Gene ID** 27091

Positive Control	WB: HepG2, mouse liver, RAW264.7 cell lysates
Application & Usage	WB; 1:500 - 1:2000

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

CACNG5

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-CACNG5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CACNG5 Antibody - 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).

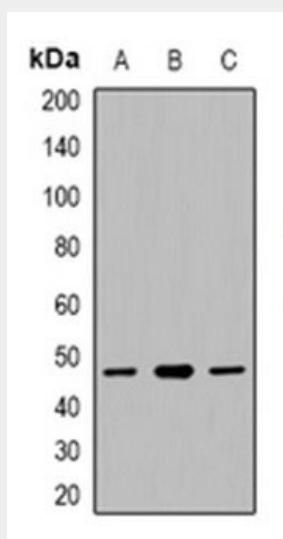
Cellular Location

Membrane; Multi-pass membrane protein. Postsynaptic density membrane

Anti-CACNG5 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-CACNG5 Antibody - Images

WB analysis of CACNG5 expression in HepG2 (A); mouse liver (B); RAW264.7 whole cell lysates