

CACNG5 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13254**Specification**

CACNG5 Antibody - Product Information

Application	WB
Primary Accession	Q9UF02
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31kDa KDa

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

Target/Specificity

Human CACNG5. Predicted cross-reactivity based on amino acid sequence homology: mouse (91%), rat (91%).

Reconstitution & Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions

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

CACNG5 Antibody - Protein Information**Name** CACNG5**Function**

Regulates the gating properties of AMPA-selective glutamate receptors (AMPArs). 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

Volume

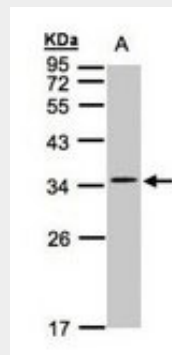
50 µl

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](#)

CACNG5 Antibody - Images



Sample(30 ug whole cell lysate). A: Hep G2. 12% SDS PAGE. CACNG5 antibody diluted at 1:1000.

CACNG5 Antibody - Background

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CACNG5 Antibody - References

Burgess D.L.,et al.Genome Res. 9:1204-1213(1999).
Chu P.-J.,et al.Gene 280:37-48(2001).
Moss F.J.,et al.EMBO J. 21:1514-1523(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).