

Cacng8 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10825**Specification**

Cacng8 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8VHW2
Other Accession	NM_133190 , NP_573453
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
Predicted	Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

Cacng8 antibody - middle region - Additional Information**Other Names**

Voltage-dependent calcium channel gamma-8 subunit, Neuronal voltage-gated calcium channel gamma-8 subunit, Transmembrane AMPAR regulatory protein gamma-8, TARP gamma-8, Cacng8

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Cacng8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Cacng8 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Cacng8 antibody - middle region - Protein Information**Name** Cacng8**Function**

Regulates the activity of L-type calcium channels that contain CACNA1C as pore-forming subunit (PubMed:21127204). 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. Thought to stabilize the calcium channel in an inactivated (closed) state.

Cellular Location

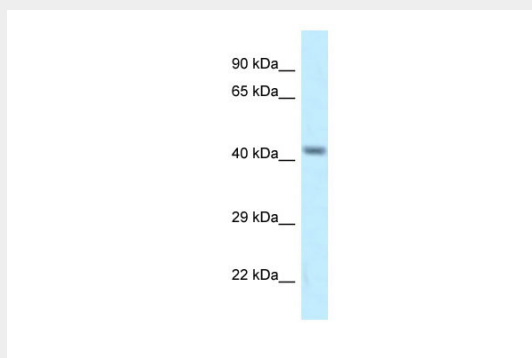
Cell membrane; Multi-pass membrane protein. Postsynaptic density membrane

Cacng8 antibody - middle region - 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](#)

Cacng8 antibody - middle region - Images



WB Suggested Anti-Cacng8 Antibody Titration: 1.0 μ g/ml
Positive Control: Mouse Liver