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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 (AMPARs). 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

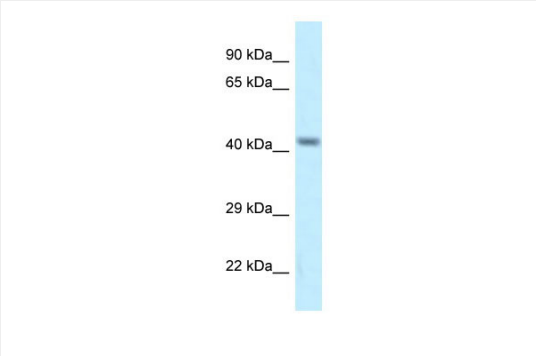
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Cacng8 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cacng8 antibody - middle region - Images



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