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Cacng8 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10825

Product Information

Application	WB
Primary Accession	Q8VHW2
Other Accession	NM_133190, NP_573453
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43453

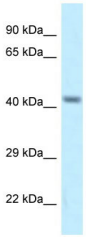
Additional Information

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.

Protein Information

Name	Cacng8 {ECO:0000312|MGI:MGI:1932376}
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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.