10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

L-type Ca++ CP γ5 Polyclonal Antibody

Catalog # AP63547

Specification

L-type Ca++ CP γ5 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9UF02
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

L-type Ca++ CP γ5 Polyclonal Antibody - Additional Information

Gene ID 27091

Other Names
CACNG5; Voltage-dependent calcium channel gamma-5 subunit; Neuronal voltage-gated calcium channel gamma-5 subunit; Transmembrane AMPAR regulatory protein gamma-5; TARP gamma-5

Dilution
WB~~WB: 1:500-1000 IHC: 1:100-200

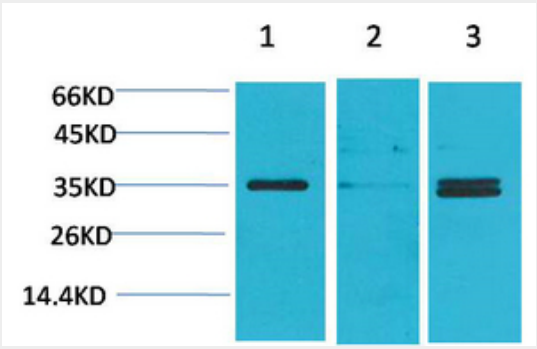
Format
PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

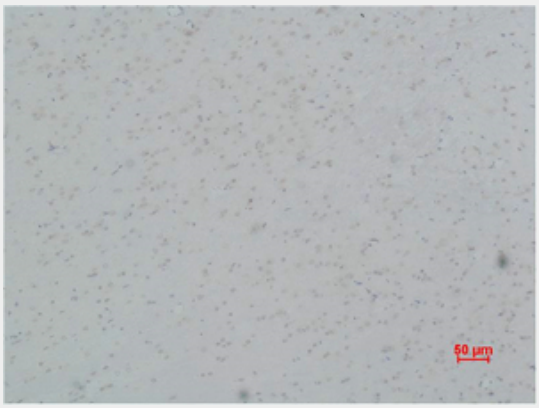
Storage Conditions
-20℃

L-type Ca++ CP γ5 Polyclonal 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





L-type Ca++ CP γ5 Polyclonal Antibody - Background

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(closed) state (By similarity).

Cellular Location
Membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic density membrane

L-type Ca++ CP γ5 Polyclonal 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 Cytomety
- Cell Culture