10320 Camino Santa Fe, Suite G
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L-type Ca++ CP γ5 Polyclonal Antibody
Catalog # AP63547

Specification

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

Application	**WB, IHC-P**
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
IHC-P~~N/A

Format
PBS, pH 7.4, containing 0.09% (W/V) 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 (closed) state (By similarity).

Cellular Location
Membrane; Multi-pass membrane protein. Postsynaptic density membrane

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

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

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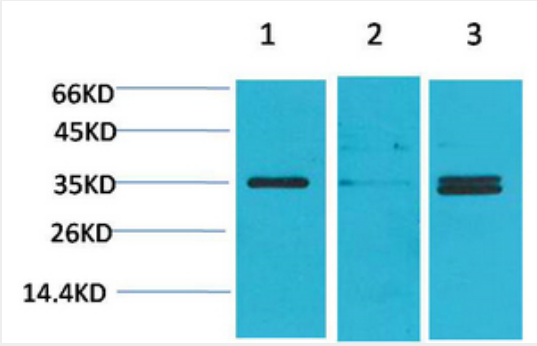
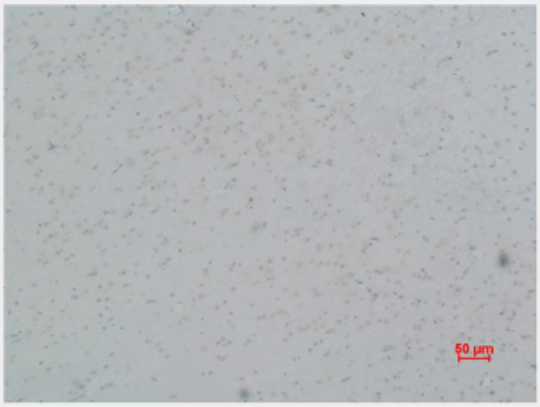
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using L-type Ca++ CP γ5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using L-type Ca++ CP γ5 Polyclonal Antibody.

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

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).