

Product Datasheet

GluR2 Antibody

Catalog No: CY7063

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP



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Information

UniProt ID: P42262

All Names: AMPA 2; AMPA selective glutamate receptor 2; AMPA2; GluA2; GLUR B; GluR K2; GLUR2; GLURB; Gria2; HBGR2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 98kDa

Application

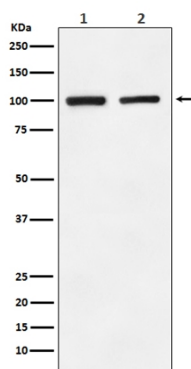
WB 1:500~1:2000

ICC/IF 1:50~1:200

IP 1:50

Background

Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist.



Western blot analysis of GluR2 expression in (1) Human fetal brain lysate; (2) Mouse brain lysate.

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