
GluR2/3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253164

Unit: 0.1 ml

Description:

The glutamate receptor 1, a homo- or heterotetramer is an 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 glutamate receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. Phosphorylation of Ser831 has been linked to synaptic plasticity as well s learning and memory.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: Ck, H, M, Zf, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Glutamate receptor 2; GluR-2; AMPA-selective glutamate receptor 2; GluR-B; GluR-K2; Glutamate receptor ionotropic, AMPA 2; GluA2; Gria2; Glur2; Glutamate receptor 3; GluR-3; AMPA-selective glutamate receptor 3; GluR-C; GluR-K3; Glutamate receptor ionotropic, AMPA 3; GluA3; Gria3; Glur3

Accession No.: P19491, P19492

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of rat GluR2/3.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.