

Product Datasheet

Phospho-AMPA Receptor 1 (S831) Antibody

Catalog No: CY9062

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P42261

All Names: GLUR 1; GLUR A; AMPA 1; AMPA selective glutamate receptor 1; GluA1; GLUH1; GluR K1; GLUR1; GLURA; GluRK1; Glutamate receptor 1; Glutamate receptor ionotropic AMPA 1; Glutamate receptor ionotropic; Glutamate receptor, ionotropic, AMPA 1; Gria1; HBGR1;

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.: 102kDa

Application

WB 1:500~1:2000

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.

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