

GluR-1 (phospho Ser863) Polyclonal Antibody

Catalog No: #13837



Package Size: #13837-1 50ul #13837-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

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|-----------------------|---|
| Product Name | GluR-1 (phospho Ser863) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB,IHC-p,IF(paraffin section),ELISA |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | Phospho-GluR-1 (S863) Polyclonal Antibody detects endogenous levels of GluR-1 protein only when phosphorylated at S863. |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human GluR1 around the phosphorylation site of Ser863. AA range:829-878 |
| Other Names | GRIA1; GLUH1; GLUR1; Glutamate receptor 1; GluR-1; AMPA-selective glutamate receptor 1; GluR-A; GluR-K1; Glutamate receptor ionotropic; AMPA 1; GluA1 |
| Accession No. | Swiss Prot:P42261GeneID:2890 |
| Uniprot | P42261 |
| GeneID | 2890 |
| SDS-PAGE MW | 102 |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Background

glutamate ionotropic receptor AMPA type subunit 1(GRIA1) Homo sapiens Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only