

GluR-1(Phospho Ser849) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP15741

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human GluR1 around the

phosphorylation site of Ser849. AA range:816-865

Mol wt 101506

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Glutamate receptor 1

Synonyms Glutamate receptor 1; GRIA1; GLUH1; GLUR1; Glutamate receptor 1; GluR-1; AMPA-selective glutamate

receptor 1; GluR-A; GluR-K1; Glutamate receptor ionotropic; AMPA 1; GluA1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

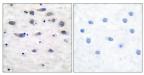
Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

IHC-p: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using GluR1 (Phospho-Ser849) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year