

GluR1(phospho-Ser836) Antibody

Catalog No: #11575



Package Size: #11575-1 50ul #11575-2 100ul #11575-4 25ul

Overview

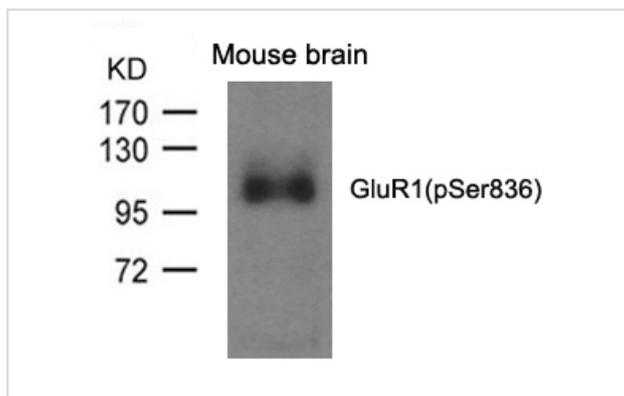
Product Name	GluR1(phospho-Ser836) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	GluR1
Modification	Phospho-Ser836
Alternative Names	GLR1; GLUH1; GRIA1; GluR-1; GluR-A

Application Details

Predicted MW: 110kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from mouse brain and using GluR1(phospho-Ser836) Antibody #11575.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 836 (S-E-Sp-K-R) derived from Human GluR1
Specificity	The antibody detects endogenous level of GluR1 only when phosphorylated at serine 836.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P42261NCBI Protein: NP_000818.2

Related Information

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 α -amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Emamian ES, et al. (2004) *J Neurosci.* 24(7): 1561-4

Palmer, C.L. et al. (2005) *Pharmacol. Rev.* 57, 253-277.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.