

GluR1 Antibody

Catalog No: #21575



Package Size: #21575-1 50ul #21575-2 100ul #21575-4 25ul

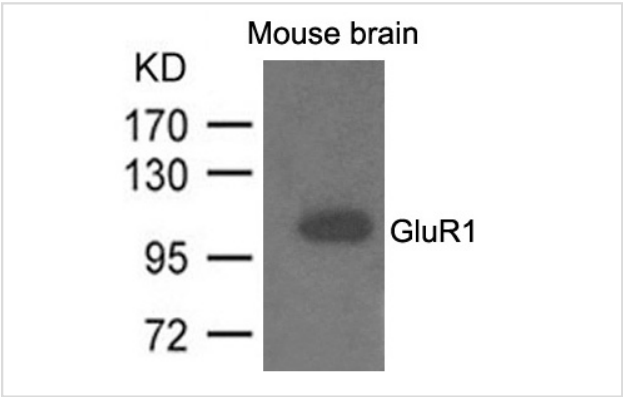
Overview

Product Name	GluR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	GluR1
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 Antibody #21575.

Descriptions

Immunogen	Peptide sequence around aa. 831~835 (K-S-R-S-E) derived from Human GluR1
Specificity	The antibody detects endogenous levels of total GluR1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.