GluR1(Ab-863) Antibody

Catalog No: #21254

Package Size: #21254-1 50ul #21254-2 100ul #21254-4 25ul

Overview

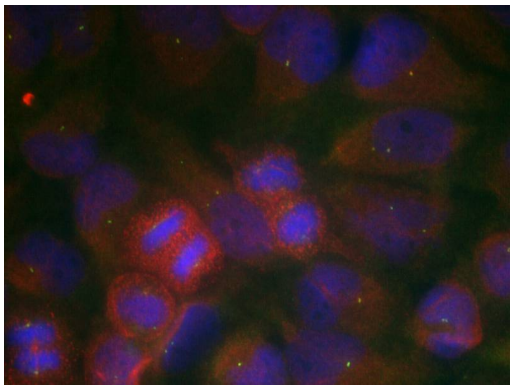
Product Name	GluR1(Ab-863) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	GluR1
Alternative Names	GLR1; GLUH1; GRIA1; GluR-1; GluR-A

Application Details

Predicted MW: 110kd

Immunofluorescence: 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed Hela cells using GluR1(Ab-863) Antibody #21254.

Descriptions

Immunogen	Peptide sequence around aa.861~865 (R-N-S-G-A) derived from Human GluR1.
Specificity	The antibody detects endogenous level of total GluR1 protein.
Purifiction	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 a-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.