G-Biosciences Image not found or type unknown

Immunotag™ Phospho-GluR1 (Ser863) Antibody

Antibody Specification

Catalog No.	ITA1075
Product Description	Immunotag™ Phospho-GluR1 (Ser863) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-GluR1 (Ser863)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human GluR1 around the phosphorylation site of Serine 863
Specificity	Phospho-GluR1 (Ser863) Antibody detects endogenous levels of GluR1 only when phosphorylated at Serine 863
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GRIA1
Accession No.	P42261

Antibody Specification

Alternate Names	GLUR 1; GLUR A; AMPA 1; AMPA selective glutamate receptor 1; AMPA-selective glutamate receptor 1; GluA1; GLUH1; GluR K1; GluR-1; GluR-A; GluR-K1; GLUR1; GLURA; GluRK1; Glutamate receptor 1; Glutamate receptor ionotropic AMPA 1; Glutamate receptor ionotropic; Glutamate receptor, ionotropic, AMPA 1; Gria1; GRIA1_HUMAN; HBGR1; MGC133252; OTTHUMP00000160643; OTTHUMP00000165781; OTTHUMP00000224241; OTTHUMP00000224242; OTTHUMP00000224243;
Description	Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	102kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.