G-Biosciences Image not found or type unknown

Immunotag™ GluR1 Antibody

Antibody Specification

Catalog No.	ITA1880
Product Description	Immunotag™ GluR1 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	GluR1
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
Specificity	GluR1 Antibody detects endogenous levels of total GluR1
Purification	The antiserum was purified by peptide affinity chromatography.
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
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;

Antibody Specification

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.