GluR2 Conjugated Antibody

Catalog No: #C49694

Package Size: #C49694-AF350 100ul #C49694-AF405 100ul #C49694-AF488 100ul #C49694-AF555 100ul #C49694-AF594 100ul #C49694-AF647 100ul #C49694-AF680 100ul #C49694-AF750 100ul #C49694-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	GluR2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AMPA 2 antibody AMPA selective glutamate receptor 2 antibody AMPA-selective glutamate receptor 2 antibody AMPA2 antibody GluA2 antibody GLUR 2 antibody GLUR B antibody GluR K2 antibody GluR-2 antibody GluR-B antibody GluR-K2 antibody GLUR2 antibody GLURB antibody Glutamate receptor 2 antibody Glutamate receptor ionotropic AMPA 2 antibody Glutamate receptor ionotropic antibody Gria2 antibody GRIA2_HUMAN antibody HBGR2 antibody
Accession No.	Swiss-Prot#:P42262
Uniprot	P42262
GeneID	2891;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	110 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Lonotropic 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.

Note: This product is for in vitro research use only