

Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) Rabbit mAb

Catalog No: #52139

Orders: order@signalwayantibody.com

Package Size: #52139-1 50ul #52139-2 100ul

Support: tech@signalwayantibody.com

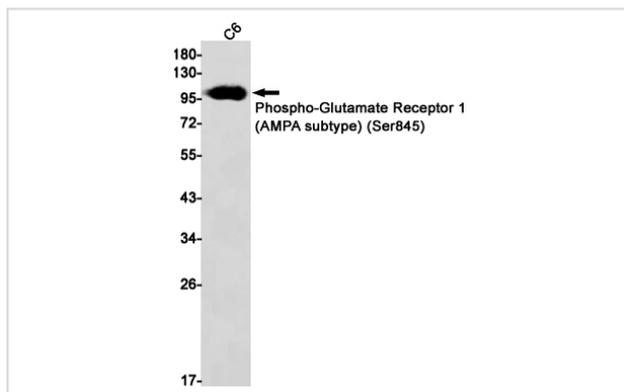
Description

Product Name	Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-7G4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Ser845 of human AMPA Receptor 1 (GluA1)
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	GLUH1; GLUR1; GLURA; GluA1; HBGR1
Accession No.	Swiss-Prot:P42261 GeneID:2890
Uniprot	P42261
GeneID	2890
Calculated MW	Calculated MW: 102 kDa; Observed MW: 102 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Phospho-Glutamate Receptor 1 (AMPA subtype) (Ser845) in C6 cell lysates using Phospho-Glutamate Receptor 1 (AMPA subtype) (Ser845) Rabbit mAb(1:1000 diluted). Predicted band size:102kDa.Observed band size:102kDa.

Background

Swiss-Prot Acc.P42261.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.

Note: This product is for in vitro research use only