

## GluR1 (Phospho-Ser845) Conjugated Antibody

Catalog No: #C14203



Package Size: #C14203-AF350 100ul #C14203-AF405 100ul #C14203-AF488 100ul  
 #C14203-AF555 100ul #C14203-AF594 100ul #C14203-AF647 100ul  
 #C14203-AF680 100ul #C14203-AF750 100ul #C14203-Biotin 100ul

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## Description

Product Name	GluR1 (Phospho-Ser845) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-GluR1 (S845) Antibody detects endogenous levels of Phospho-GluR1 (S845)
Immunogen Description	A synthesized peptide derived from human GluR1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glutamate receptor 1; GluR-1; AMPA-selective glutamate receptor 1; GluR-A; GluR-K1; GluRA; GluRK1; Glutamate receptor ionotropic, AMPA 1; GluA1; GRIA1; GLUH1; GLUR1;
Accession No.	Uniprot:P42261
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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	102kDa
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

## Product Description

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AMPA- ( $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid), kainate-, and NMDA- (N-methyl-D-aspartate) receptors are the three main families of ionotropic glutamate-gated ion channels. AMPA receptors (AMPA receptors) are comprised of four subunits (GluR 1-4), which assemble as homo- or hetero-tetramers to mediate the majority of fast excitatory transmissions in the central nervous system. AMPARs are implicated in synapse formation, stabilization, and plasticity.

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Note: This product is for in vitro research use only