

Anti-Phospho-GluR1 (Ser831) Antibody (2J811)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	2J811
Purification:	Affinity-chromatography

Applications

Application:	WB
Recommended	WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human GluR1 around the phosphorylation site of S831 AMPA 1;GluA1;Glutamate receptor;GLUR1;GLUR A;p-GluR1 (S831);Glutamate receptor 1;
Synonyms:	GLUH1;GluR1 (p-S831);Gria1;GLURA;GluR1 (p-Ser831);Glutamate receptor ionotropic; Glutamate receptor ionotropic AMPA 1;GLUR 1;GluRK1;p-GluR1 (Ser831);ionotropic;HBGR1; AMPA selective glutamate receptor 1;GluR K1

Research Background

AMPA- (α -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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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