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Anti-GluR2-subunit (Ser880) Antibody

Our Anti-GluR2-subunit (Ser880) rabbit polyclonal phosphospecific primary antibody from PhosphoSolut
Catalog # AN1420

Product Information

Application	WB
Primary Accession	P19491
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	98688

Additional Information

Gene ID	29627
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
Target/Specificity	The ion channels activated by glutamate are typically divided into two classes. Those that are sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by α-amino-3-hydroxy-5-methyl-4-isoxalone propionic acid (AMPA) are known as AMPA receptors (AMPAR). The AMPAR are comprised of four distinct glutamate receptor subunits designated (GluR1-4) and they play key roles in virtually all excitatory neurotransmission in the brain (Kein hen et al., 1990; Hollmann and Heinemann, 1994). The number of GluR2 subunits in the AMPA receptor complex affects the Ca2+ permeability, rectification and single-channel conductance of AMPA receptors. Ser-880 has been identified as the PKC phosphorylation site within the C-terminal region of GluR2 and has been shown to differentially regulate the interaction of the PDZ domain-containing proteins GRIP1 and PICK 1 (Matsuda et al., 1999)
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-GluR2-subunit (Ser880) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping	Blue Ice

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.