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# Anti-GluR2/3 Antibody

Our Anti-GluR2/3 rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house. It d
Catalog # AN1419

## Product Information

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

## Additional Information

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| **Gene ID** | 29627 |
| **Other Names** | AMPA selective glutamate receptor 2 antibody, AMPA selective glutamate receptor 3 antibody, GluR K2 antibody, GluR K3 antibody, GLURB antibody, GLURC antibody, GLUTAMATE RECEPTOR 2 antibody, GLUTAMATE RECEPTOR 3 antibody, Glutamate receptor ionotropic AMPA 2 antibody, Glutamate receptor ionotropic AMPA 3 antibody, GRIA2 antibody, GRIA3 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 □nen et al., 1990;Hollmann and Heinemann, 1994). The GluR2 subunit is widely expressed throughout the nervous system where it is thought to play key roles in synaptic plasticity and learning and memory (Duprat et al., 2003;Seidenman et al., 2003;Chung et al., 2003;Yan et al., 2002). |
| **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-GluR2/3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |
| **Shipping** | Blue Ice |

## Background

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