

**Anti-GluR2 Antibody**

Our Anti-GluR2 rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house. It det  
Catalog # AN1418

**Specification**

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**Anti-GluR2 Antibody - Product Information**

Primary Accession	<a href="#">P19491</a>
Reactivity	<b>Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>98688</b>

**Anti-GluR2 Antibody - 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  $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxalone propionic acid (AMPA) are known as AMPA receptors (AMPA). 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 (Keinänen et al., 1990; Hollmann and Heinemann, 1994). The GluR2 subunit is thought to play a key role in forms of synaptic plasticity such as LTD (Chung et al., 2003).

**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 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

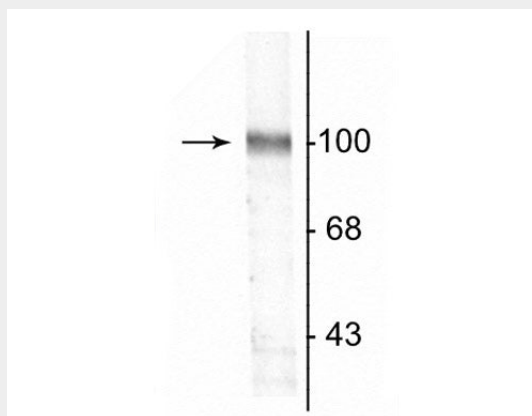
Blue Ice

**Anti-GluR2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Anti-GluR2 Antibody - Images**



Western blot of a rat hippocampal lysate showing the specific immunolabeling of the ~100 kDa GluR2 protein.

#### **Anti-GluR2 Antibody - Background**

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