

RABBIT ANTI-NMDAR2B, phosphoTyrosine1336 AFFINITY PURIFIED POLYCLONAL ANTIBODY

CATALOG NUMBER: AB9690

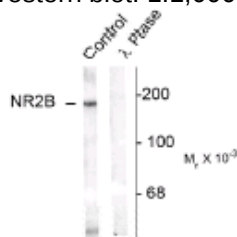
LOT NUMBER:

QUANTITY: 100 µL

SPECIFICITY: NMDAR2B, phosphoTyrosine1336. The antibody recognizes a protein of ~180 kDa corresponding to NMDAR2B, phosphoTyrosine1336 in lysates from rat brain hippocampus. Immunolabeling is blocked by the phosphopeptide used as the immunogen but not the corresponding non-phosphopeptide. Immunolabeling is also blocked by λ -phosphatase treatment.

IMMUNOGEN: Synthetic peptide of amino acids surrounding the phosphoTyrosine 1336 site of rat NMDAR2B.

APPLICATIONS: Western blot: 1:1,000



Western Blot of rat brain hippocampus lysate. The Control lane is hippocampal lysate. The λ -Ptase lane is identical to the Control lane but was incubated in λ -Ptase (1200 units for 30 min) before incubating with the AB9690. The immunolabeling of NMDAR2B is completely eliminated by treatment with λ -Ptase.

Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITIES: Rat. Other species have not been tested. The immunogen has 100% homology with human and mouse.

FORMAT: Affinity purified immunoglobulin

PRESENTATION: Liquid in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50% glycerol.

STORAGE/HANDLING: Maintain at -20°C in undiluted for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles. Do not store in a self defrosting freezer.

RELATED REFERENCES: Carroll RC, Zukin RS, (2002) *Trends Neurosci* **25**:571-577.
Grosshans DR, et al., (2002) *Nat Neurosci* **5**:27-33.
Ishii T, et al., (1993) *J Biol Chem* **268**:2836-2843.
Takagi, N, et al., (2003) *J. Neurochem* **84**:67-76.



Takasu, MA, et al., (2002) *Science* **295**:491-495.

Wenthold RJ, et al., (2003) *Annu Rev Pharmacol Toxicol* **43**:335-358.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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