



RABBIT ANTI-NMDAR2B POLYCLONAL ANTIBODY

CATALOG NUMBER: AB1557

LOT NUMBER:

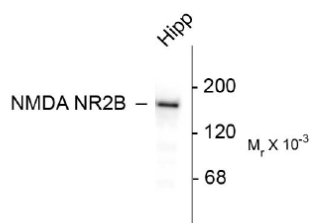
QUANTITY: 50 µL

SPECIFICITY: NMDAR2B. By Western blot it recognizes a 180 kDa band in rat brain membranes. Also recognizes a 70 kDa band (thought to be a contaminant). No reactivity to NMDAR2A or NMDAR2C by Western blot. Immunolabeling is blocked by preadsorption of AB1557 with the C-terminal fusion protein that was used to generate the antibody.

IMMUNOGEN: C-Terminal Fusion Protein of the NMDAR2B (30 kDa), aa 984-1104.

APPLICATIONS: Western blotting 1:1,000 using ECL (NMDAR2B is present in high concentrations in the hippocampus).

Anti-NMDA Receptor, NR2B Subunit



Western Blot performed on rat hippocampal lysate.

Immunoprecipitation using solubilized hippocampal slices. 3 µL will (under appropriate conditions) quantitatively immunoprecipitate all NMDAR2B in 200 µg of rat brain. Not suggested for use in immunohistochemistry. Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITIES: Human, rat, and mouse. Other species have not yet been tested.

FORMAT: Rabbit antiserum.

PRESENTATION: Liquid, no preservatives.

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

REFERENCES:

1. *Molecular Brain Research* (1996) **40**:71-78.
2. *J. Biol. Chem.* (1996) **271**:13297-13299.
3. *J. Neuroscience* (1997) **17**:6264-6276.



ALSO AVAILABLE

Affinity Purified Rabbit anti-NMDAR2B (Catalog Number AB1557P) For use in Western blotting and Immunohistochemistry

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.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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