



RABBIT ANTI-NMDAR1 C2' SPLICE VARIANT AFFINITY PURIFIED POLYCLONAL ANTIBODY

- CATALOG NUMBER:** AB5050P
- LOT NUMBER:**
- QUANTITY:** 25 µg
- SPECIFICITY:** Specific for the NMDAR1 containing the C2' splice variant insert. The antibody does not recognize the NMDAR1 subunits of the NMDA receptor that do not contain the C2' insert. By Western blot the antibody recognizes a protein with molecular weight of 120 kDa. Also labels a single higher molecular weight band that may be a posttranslationally modified form of the protein.
- IMMUNOGEN:** Peptide corresponding to the C-terminus of the rat NMDAR1 C2' splice variant.
- APPLICATIONS:** Western blot: 1:1,000 using ECL
Immunohistochemistry: 1:1,000
Optimal working dilutions must be determined by the end user.
- SPECIES REACTIVITIES:** Rat and mouse.
- FORMAT:** Affinity purified immunoglobulin.
- PRESENTATION:** Lyophilized from ammonium bicarbonate (5 mM) so some residual salt may also be present. Reconstitute with 50 µL of PBS. Contains no preservatives.
- STORAGE/HANDLING:** Maintain lyophilized material at -20°C for up to 6 months after date of receipt. After reconstitution maintain at -20°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:** Prybylowski, K.L. and Wolfe, B.B., Developmental differences in alternative splicing of the NR1 protein in rat cortex and cerebellum, *Dev. Brain Res.* **123**:143-150, 2000.
Al-Hallaq, R., Yasuda, R.P. and Wolfe, B.B.: Enrichment of NMDA NR1 splice variants and synaptic proteins in rat postsynaptic densities. *J. Neurochem.* **77**:110-119, 2001.

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 µL 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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