

**RABBIT ANTI-GLUTAMATE RECEPTOR 4  
AFFINITY PURIFIED  
POLYCLONAL ANTIBODY**

- CATALOG NUMBER:** AB1508
- LOT NUMBER:**
- QUANTITY:** 50 µg
- SPECIFICITY:** Western blot of rat brain shows a single band co-migrating with GluR4 expressed in transfected cells. No cross-reaction with GluR1-3. The antibody appears to recognize GluR4 in several other species, but has not been extensively characterized in these cases.
- IMMUNOGEN:** Carboxy terminus peptide of rat GluR4 conjugated to BSA with glutaraldehyde (RQSSGLAVIASDLP).
- APPLICATIONS:** Can be used for immunocytochemistry using paraformaldehyde or paraformaldehyde/glutaraldehyde fixed tissue with light and electron microscopy. Cryostat and vibratome sections can be used with or without Triton X-100 treatment. Final concentrations used were 1-3 µg/mL.
- Western blot analysis can be done at final concentrations of 0.25-2.5 µg/mL.
- The antibody linked to immobilized Protein A immunoprecipitates detergent-solubilized receptor from brain or transfected cells.
- Optimal working dilutions must be determined by end user.
- SPECIES REACTIVITY:** Human, rat, monkey, gerbil and hamster.
- FORMAT:** Affinity purified using the immunogen peptide.
- PRESENTATION:** Lyophilized from PBS containing 1% BSA and 0.1% sodium azide.
- STORAGE/HANDLING:** Maintain lyophilized material at +2-8°C or -20°C for up to 12 months after date of receipt. Reconstitute to 500 µL with sterile distilled water. Store reconstituted material frozen (-20°C or -80°C) in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles. Diluted antibody containing 0.1% sodium azide for Western blot analysis can be stored for several weeks at +2-8°C and reused repeatedly.
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