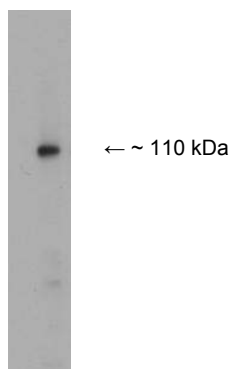


**RABBIT ANTI-GLUTAMATE RECEPTOR 1  
AFFINITY PURIFIED  
POLYCLONAL ANTIBODY**

- CATALOG NUMBER:** AB1504
- LOT NUMBER:**
- QUANTITY:** 50 µg
- CONCENTRATION:** 0.1 mg/mL (Please note that this lot is in **liquid** format.)
- SPECIFICITY:** Glutamate Receptor 1. Western blot analysis of rat brain shows a single band co-migrating with GluR1 expressed in transfected cells. No cross-reaction with GluR2-4. The antibody appears to recognize GluR1 in several other species, but has not been extensively characterized in these cases.
- IMMUNOGEN:** Carboxy terminus peptide of rat GluR1 conjugated to KLH with glutaraldehyde (SHSSGMPLGATGL) (Catalog Number AG360).
- 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 0.5-2.5 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 REACTIVITIES:** Human, rat, monkey, gerbil and hamster.
- FORMAT:** AB1504 was affinity purified using the immunogen peptide.
- PRESENTATION:** **Liquid** in PBS containing 1% BSA and 0.1% sodium azide.

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**STORAGE/HANDLING:** Maintain liquid material at +2-8° or -20°C for up to 6 months after date of receipt.

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