



**RABBIT ANTI-GLUTAMATE RECEPTOR 1 phosphoSer831
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5847
LOT NUMBER:	
QUANTITY:	150 µL
SPECIFICITY:	Glutamate Receptor 1 [GluR1], phosphoSer831. The antibody recognizes a protein of ~100 kDa corresponding to GluR1 phosphorylated at Ser831 in rat hippocampal homogenate. Immunolabeling of the GluR1 protein is blocked by the immunogen peptide but not by the corresponding non-phosphopeptide.
IMMUNOGEN:	Synthetic peptide corresponding to amino acids surrounding the phosphoSer831 of rat GluR1.
APPLICATIONS:	Western blot and dot blots: 1:500-1:1,000. The working dilution should be based on the tissue and the expected phosphorylation state. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Rat. Other species have not been tested. The immunogen sequence is 100% homologous in human and mouse.
FORMAT:	Affinity purified immunoglobulin
PRESENTATION:	Liquid in 10 mM Hepes, pH 7.5, with 150 mM NaCl, 100 µg/mL BSA and 50% glycerol.
STORAGE/HANDLING:	Maintain at -20°C or -80°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 REFERENCE:	Roche, K.W., et al., <i>Neuron</i> (1996) 16 :1179-1188.

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 as a diagnostic.