

Anti-GluR1-Subunit (Ser845) Antibody

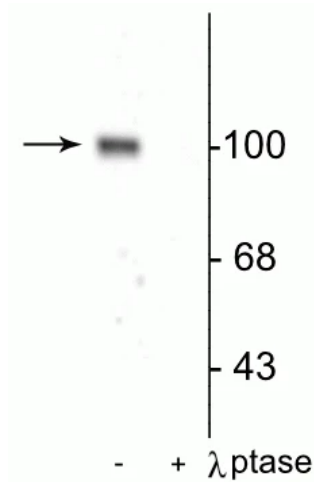
**Pooled Serum**

Product Details

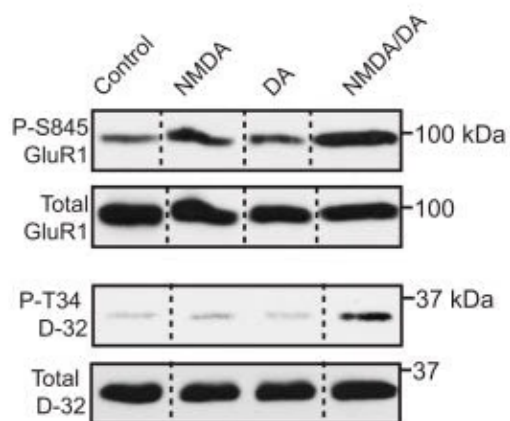
Available Variants	150 µL (SKU:p1160-845) 25 µL (SKU:p1160-845t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GRIA1
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 IHC: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser845 of rat GluR1, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~100 kDa GluR1 protein phosphorylated at Ser845. Immunolabeling is completely eliminated by treatment with λ-phosphatase.
Molecular Weight	100 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492128
UniProt ID	P19490
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Human, Non-Human Primate
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser845
NCBI Gene ID	50592

Product Images



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~100 kDa GluR1 protein phosphorylated at Ser845 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ-Ptase, 1200 units for 30 min).



Effects of striatal slice treatment with NMDA (25 μ M, 5 min), dopamine (DA, 10 μ M, 15 min), or both on PKA-dependent phosphorylation of Ser845 GluR1 (top) and Thr34 DARPP-32 (bottom). Image from publication CC-BY-4.0. [PMID: 35835216](#)

Product Page URL: www.antibodiesinc.com/products/anti-glur1-subunit-ser845-antibody-p1160-845



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