

Product Datasheet

GluR1 [p Ser845] Antibody - Azide Free NB300-171

Unit Size: 0.15 ml

Store at -20C. Avoid freeze-thaw cycles.

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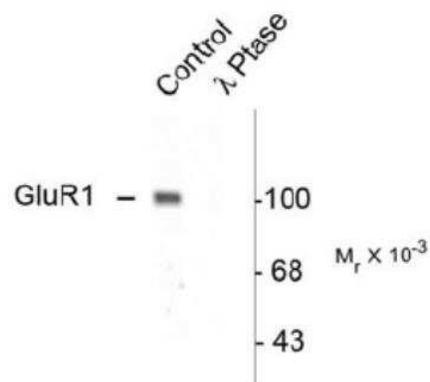
NB300-171

GluR1 [p Ser845] Antibody - Azide Free

Product Information	
Unit Size	0.15 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	100 kDa
Product Description	
Host	Rabbit
Gene ID	2890
Gene Symbol	GRIA1
Species	Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24212670)
Specificity/Sensitivity	Specific for endogenous levels of the ~100 kDa GluR1 protein phosphorylated at Ser845. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser845 conjugated to KLH. Accession # P19490
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunohistochemistry-Frozen 1:1000

Images

Western Blot: GluR1 [p Ser845] Antibody [NB300-171] - Rat hippocampal lysate showing specific immunolabeling of the ~100k GluR1 protein phosphorylated at Ser845 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: lambda-Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the GluR1 Ser845 antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.

**Publications**

Kim J, Kwon JT, Kim HS et al. Memory recall and modifications by activating neurons with elevated CREB. Nat Neurosci. 2013-11-10 [PMID: 24212670] (WB, Mouse)



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Products Related to NB300-171

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002890-Q01-10ug	Recombinant Human GluR1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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