

Product Datasheet

NMDAR2B [p Tyr1252] Antibody - Azide Free NB300-292

Unit Size: 0.1 ml

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

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Updated 2/21/2025 v.20.1

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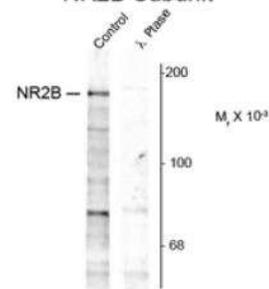
NB300-292**NMDAR2B [p Tyr1252] Antibody - Azide Free**

Product Information	
Unit Size	0.1 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	180 kDa
Product Description	
Host	Rabbit
Gene ID	2904
Gene Symbol	GRIN2B
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~180 kDa NMDAR2B protein phosphorylated at Tyr1252 . Immunolabeling is completely eliminated by treatment with lambda-phosphatase. May also show slight reactivity with Tyr1246 of NR2A.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Tyr1252 conjugated to KLH. Accession # Q00960
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:400
Application Notes	This antibody has been tested in Western blot on rat brain hippocampal lysate, detecting a band 180 kDa.

Images

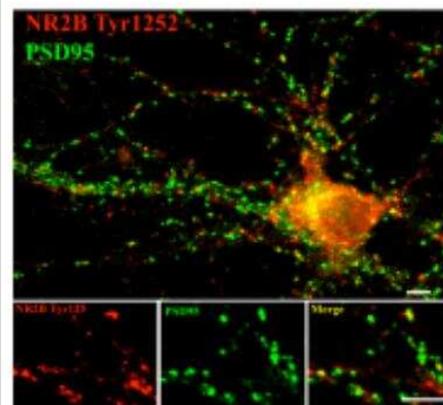
Western Blot: NMDAR2B [p Tyr1252] Antibody [NB300-292] - Rat hippocampal lysate showing specific immunolabeling of the ~180k NR2B subunit phosphorylated at Tyr1252 (Control). Phosphospecificity is shown in the second lane (lambda-phosphatase: lambda-Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the phospho-Tyr1252 NMDA NR2B subunit antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.

Anti-Phospho-Tyr¹²⁵² NMDA Receptor, NR2B Subunit



Western blot of rat hippocampal lysate showing phosphospecific immunolabeling of the ~180k NR2B subunit of the NMDAR phosphorylated at Tyr¹²⁵².

Immunohistochemistry: NMDAR2B [p Tyr1252] Antibody [NB300-292] - Immunostaining of 14 DIV rat cortical neurons showing NR2B phosphorylated at Tyr1252 in red and PSD95 in green. Photo courtesy of Gang Liu





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Products Related to NB300-292

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002904-Q01-10ug	Recombinant Human NMDAR2B 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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