

# 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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**NB300-292**

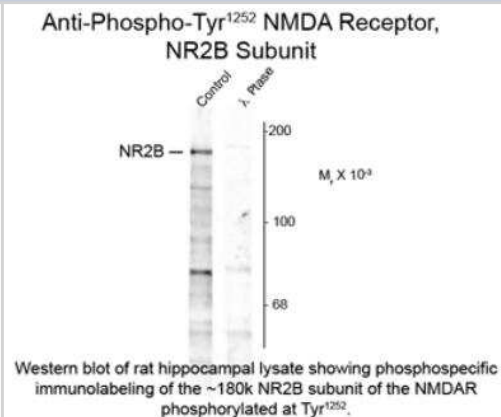
NMDAR2B [p Tyr1252] Antibody - Azide Free

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.

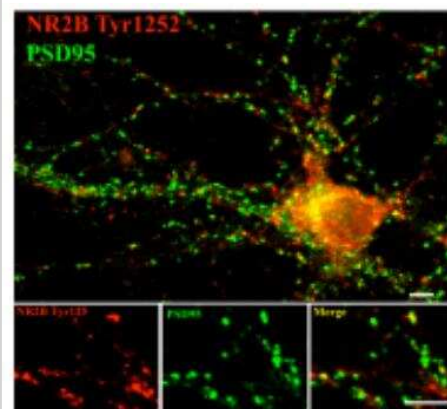


## Images

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.



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





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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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