

# Product Datasheet

## NMDAR2B Antibody - Azide Free NBP1-30037

Unit Size: 0.1 ml

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

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**NBP1-30037**

NMDAR2B Antibody - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	180 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	2904
<b>Gene Symbol</b>	GRIN2B
<b>Species</b>	Mouse, Rat
<b>Reactivity Notes</b>	It is anticipated that the antibody will also react with bovine, canine, chicken, human, mouse and non-human primate based on the fact that these species have 100 % homology with the amino acid sequence used as antigen.
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~180 kDa NR2B subunit of the NMDA receptor.
<b>Immunogen</b>	Synthetic peptide corresponding to amino acid residues from the N-terminal region of the NMDAR2B subunit conjugated to KLH. Accession # Q00960

**Product Application Details**

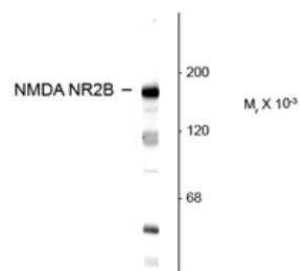
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:400, Immunohistochemistry-Paraffin 1:500, Immunohistochemistry-Frozen 1:500



## Images

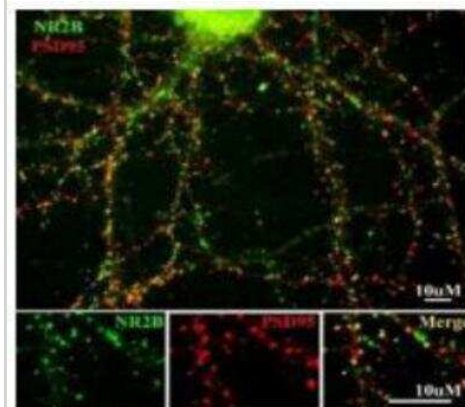
Western Blot: NMDAR2B Antibody [NBP1-30037]

Anti-NMDA Receptor, NR2B subunit



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~180k NR2B subunit of the NMDA receptor.

Immunohistochemistry: NMDAR2B Antibody [NBP1-30037] - Immunostaining of 14 DIV rat cortical neurons showing NR2B in green and PSD95 in red.





### **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 NBP1-30037**

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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