

# 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>Description</b>             | Novus Biologicals Rabbit NMDAR2B Antibody - Azide Free (NBP1-30037) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                   |
| <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**

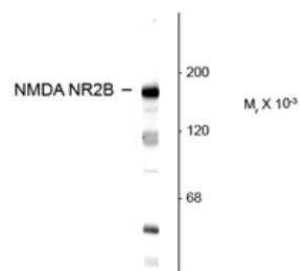
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen                                     |
| <b>Recommended Dilutions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



## Images

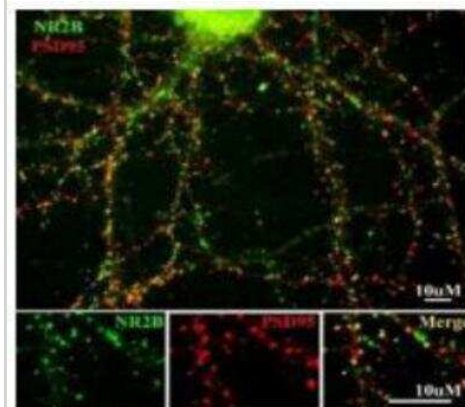
Western Blot: NMDAR2B Antibody [NBP1-30037]

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.





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### **Products Related to NBP1-30037**

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|                    |   |
|--------------------|---|
| 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      |

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### **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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