

# Product Datasheet

## NMDAR2B [p Ser1166] Antibody - Azide Free NBP2-29520

Unit Size: 0.1 ml

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

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**NBP2-29520**

NMDAR2B [p Ser1166] 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>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~180 kDa NMDAR2B protein phosphorylated at Ser1166. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser1166 conjugated to KLH. Accession # Q00960
<b>Preparation Method</b>	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.

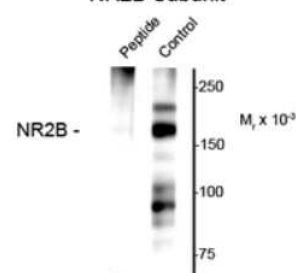
**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:250

**Images**

Western Blot: NMDAR2B [p Ser1166] Antibody [NBP2-29520] - Western blot of rat hippocampal lysate showing specific immunolabeling of the ~180k NR2B subunit of the NMDAR phosphorylated at Ser1166 (Control). Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen (Peptide), but not by the corresponding dephospho-peptide (not shown).

Anti-Phospho-Ser1166 NMDA Receptor NR2B Subunit



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~180k NR2B subunit of the NMDAR phosphorylated at Ser1166 (Control). Immunolabeling is blocked by preadsorption with the phospho-peptide used as antigen (Peptide).



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### **Products Related to NBP2-29520**

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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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