

**Ordering Information****Storage Conditions**

Product Number: 8A0526 (50 ug)

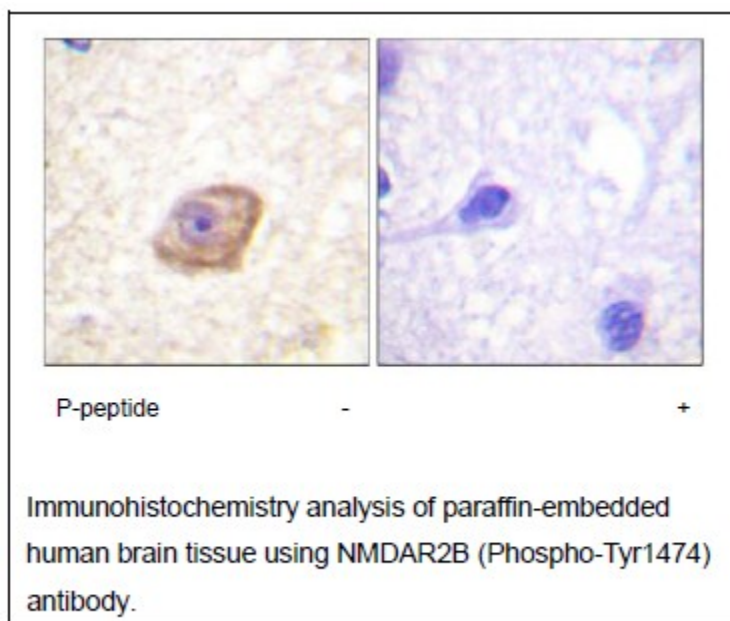
Keep at -20 °C

**Concentration:** 1mg/ml**Origin of Antibody:** Rabbit**Swiss-Prot No:** Q01097**Other Names:** GRIN2B, Glutamate [NMDA] receptor subunit epsilon 2 precursor, N-methyl D-aspartate receptor subtype 2B, N-methyl-D-aspartate receptor subtype 2B, N-methyl-D-aspartate receptor subunit 3, NMDE2, NME2, NR2B, NR3, hNR3**All Sites:** Human: Tyr1474; Mouse: Tyr1472; Rat: Tyr1472**Storage/Stability:** Store at -20./1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human NMDAR2B around the phosphorylation site of tyrosine 1474 (H-V-YP-E-K).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using non-phosphopeptide corresponding to the

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** NMDAR2B (Phospho-Tyr1474) antibody detects endogenous levels of NMDAR2B only when phosphorylated at tyrosine 1474.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
ELISA: 1:5000**References:**

1. Carola G. Schipke, FASEB J, Mar 2001; 0.02% sodium 10.1096/fj.00-0439fje.
2. Myoung Sook Kim, Cancer Res., Apr 2006; 66: 3409 - 3418
3. MA Varney, J. Pharmacol. Exp. Ther., Oct 1996; 279: 367.
4. Nobuhiko Kojima, Learn. Mem., Nov 1998; 5: 429 - 445.



**Disclaimer:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact our technical service representative for more information.