

#21158

## NMDAR2B (Ab-1474) Antibody



**Catalog:** #21158-1      50µl      **Orders:** [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
#21158-2      100µl      **Support:** [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)  
**Storage:** Store at -20°C/1 year      **Web:** [www.signalwayantibody.com](http://www.signalwayantibody.com)

Application	Species Reactivity	Source	Molecular Wt.
IF	Human Mouse Rat	Rabbit Polyconal Ab	190KD

**Description:** Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

**Specificity:** The antibody detects endogenous level of total NMDAR2B protein.

**Immunogen:** Peptide sequence around aa.1472~1476 (H-V-Y-E-K) derived from Human NMDAR2B.

**Formulation:** Supplied at 1.0mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Synonyms:** GRIN2B    NMDE2    NME2    NR2B    NR3

**Accession No.:** Swiss-Prot#: Q13224      NCBI Gene#: 2904  
NCBI Protein#: NP\_000825.2

**Background:** NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.

### References:

Babb TL et al. *Epilepsy Res.* 2005 Mar-Apr;64(1-2):23-30  
Chazot PL. *Curr Med Chem.* 2004 Feb;11(3):389-96  
Kakegawa W, et al. *Eur J Neurosci.* 2003 Feb;17(4):887-91

### Citation:

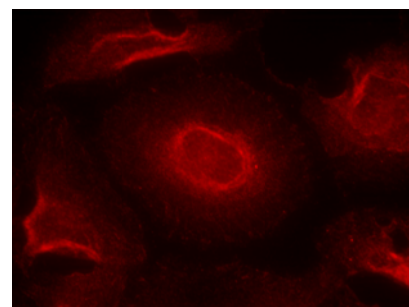
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**Related Pathway:** Neuroscience, Receptors, Channel

**Note:** For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

### Recommended Dilutions:

Immunofluorescence    1:100~1:200



Immunofluorescence staining of methanol-fixed HeLa cells using NMDAR2B (Ab-1474) antibody #21158.