

# NMDAR2B(phospho-Tyr1474) Antibody

Catalog No: #11168



Package Size: #11168-1 50ul #11168-2 100ul #11168-4 25ul

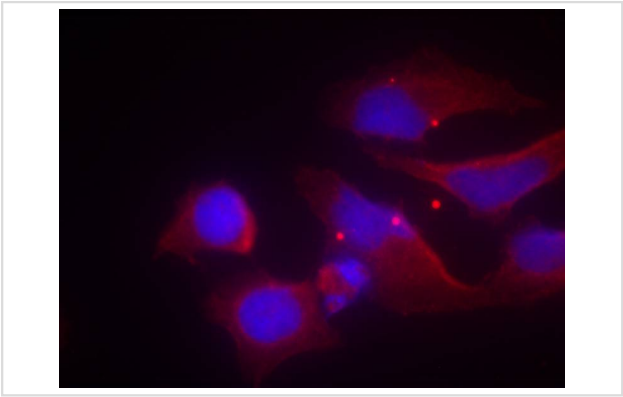
## Overview

Product Name	NMDAR2B(phospho-Tyr1474) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	NMDAR2B
Modification	Phospho-Tyr1474
Alternative Names	GRIN2B; NMDE2; NME2; NR2B; NR3

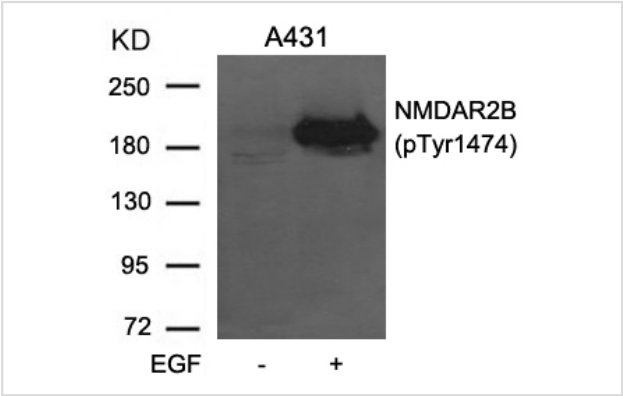
## Application Details

Predicted MW: 190kd
Western Blot: 1:500~1000
Immunofluorescence: 1:100~1:200

## Images



Immunofluorescence staining of methanol-fixed HeLa cells using NMDAR2B(phospho-Tyr1474) antibody #11168.



Western blot analysis of extracts from A431 cells untreated or treated with EGF using NMDAR2B (phospho-Tyr1474) Antibody #11168.

## Descriptions

Immunogen	Peptide sequence around phosphorylation site of Tyr1474 (H-V-Y(p)-E-K) derived from Human NMDAR2B.
Specificity	The antibody detects endogenous level of NMDAR2B only when phosphorylated at Tyr1474.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q13224NCBI Protein: NP_000825.2

## Related Information

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

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

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.