

## NMDAR2B(phospho-Tyr1474) Antibody

Catalog No: #11168

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

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## Description

Product Name	NMDAR2B(phospho-Tyr1474) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of NMDAR2B only when phosphorylated at Tyr1474.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Tyr1474 (H-V-Y(p)-E-K) derived from Human NMDAR2B.
Target Name	NMDAR2B
Modification	Phospho
Other Names	GRIN2B; NMDE2; NME2; NR2B; NR3
Accession No.	Swiss-Prot: Q13224NCBI Protein: NP_000825.2
Uniprot	Q13224
GeneID	2904;
Concentration	1.0mg/ml
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.

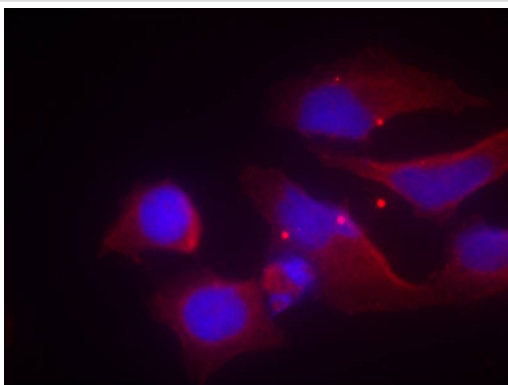
## Application Details

Predicted MW: 190kd

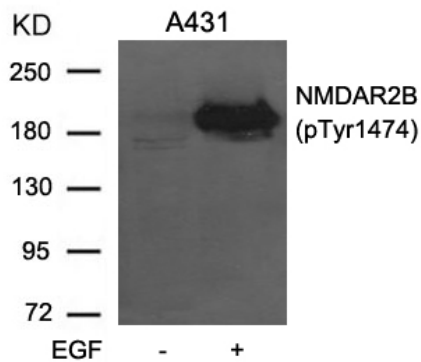
Western Blot: 1:500~1000

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.

## Background

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