

35-1161: Polyclonal Antibody to NMDAR2B (phospho-Tyr1474)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Rat,Mouse,Human
Gene :	GRIN2B
Gene ID :	2904
Uniprot ID :	Q13224
Format :	Purified
Alternative Name :	GRIN2B, NMDE2, NME2, NR2B, NR3
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of Tyr1474 (H-V-Y(p)-E-K) derived from Human NMDAR2B.

Description

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

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

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

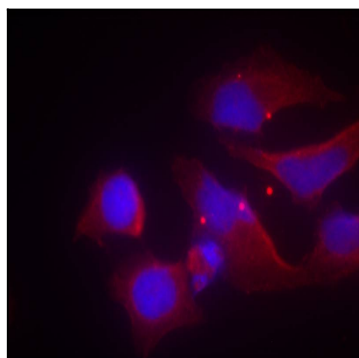


Figure 1: Immunofluorescence staining of methanol-fixed HeLa cells using NMDAR2B(phospho-Tyr1474) Antibody 35-1161 .

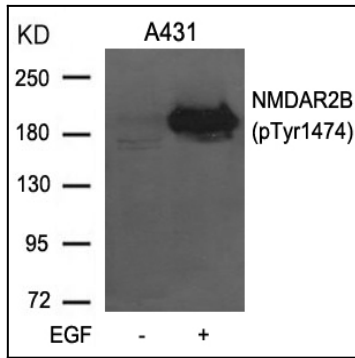


Figure 2: Western blot analysis of extracts from A431 cells untreated or treated with EGF using NMDAR2B (phospho-Tyr1474) Antibody 35-1161 .