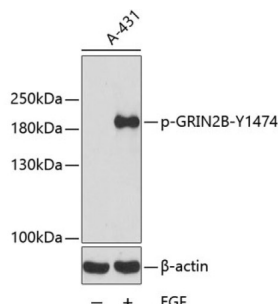


Glutamate Receptor Ionotropic, NMDA 2B Phospho-Tyr1474 (GRIN2B pY1474) Antibody

Catalogue No.: abx000405



Western blot analysis of lysates from A431 cells, using Phospho-GRIN2B-Y1474 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

GRIN2B (pY1474) Antibody is a Rabbit Polyclonal antibody against GRIN2B (pY1474). NMDA (NMDA) Receptors are a class of Ionotropic glutamate Receptors. NMDA Receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA Receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This Receptor is the predominant excitatory neurotransmitter Receptor in the mammalian brain.

Target:	GRIN2B (pY1474)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around Y1474 of human GRIN2B.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 08 Oct 2025



UniProt Primary AC: Q13224 ([UniProt](#), [ExPASy](#))

Gene Symbol: GRIN2B

GeneID: [2904](#)

NCBI Accession: NP_000825.2

KEGG: hsa:2904

String: [9606.ENSP00000477455](#)

Molecular Weight: Calculated MW: 166 kDa
Observed MW: 200 kDa

Buffer: PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.