Anti-Phospho-NMDAR1 (S890) Rabbit Polyclonal Antibody

Catalog #: U0922

Aliases

NMDAR1; Glutamate receptor ionotropic NMDA 1; GluN1; Glutamate [NMDA] receptor subunit zeta-1; N-methyl-D-aspartate receptor subunit NR1; NMD-R1

Background

Gene Name: GRIN1
NCBI Gene Entry: 2902
UniProt Entry: Q05586

Application Information

Molecular Weight: Predicted, 105 kDa; observed, 130 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-NMDAR1 (S890)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

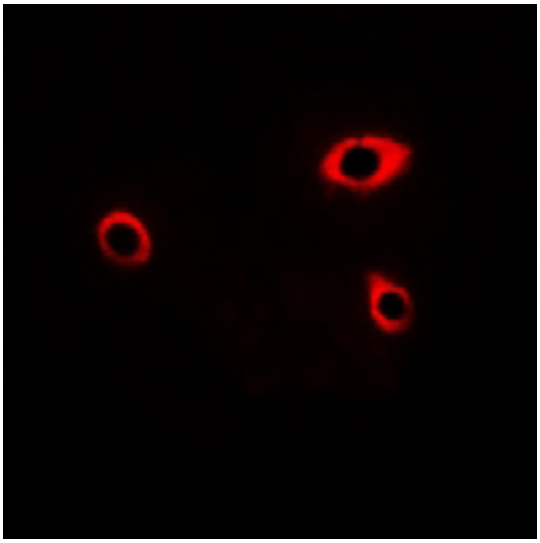
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:200
Immunocytochemistry (IC): 1:100-1:500

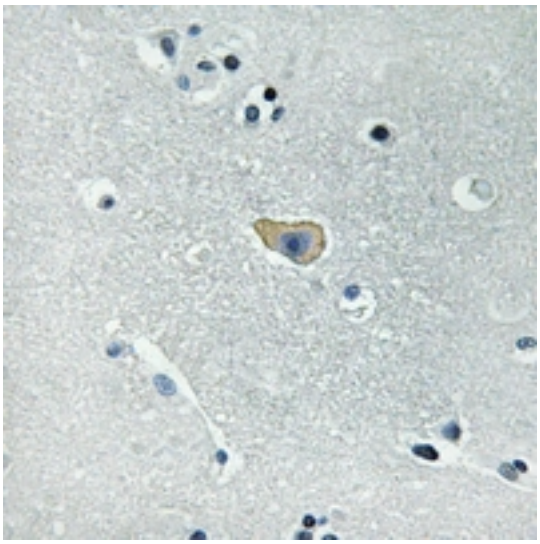
Note: This product is for research use only.

Validation Data

Anti-Phospho-NMDAR1 (S890) Rabbit Polyclonal Antibody

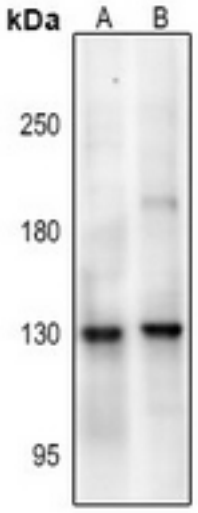


Immunocytochemical analysis of NMDAR1 (Phospho-S890) staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of NMDAR1 (Phospho-S890) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-Phospho-NMDAR1 (S890) Rabbit Polyclonal Antibody



Western blotting analysis of NMDAR1 (Phospho-S890) expression in A549 (A), U87MG (B) whole cell lysates.