

## **Product Data Sheet:** Phospho-NMDAR1-S890

Cat. No: ABP-0826

Conjugate: Unconjugated

Size: 100 ug Clone: Poly **Concentration:** 1mg/ml Host: Rb

Isotype: **IgG** 

A phospho specific peptide corresponding to residues surrounding S890 of human Immunogen:

GRIN1.

Reactivity: Hu, Rt

**Applications:** WB 1.1000

Observed MW: 140kDaCalculated MW: **Molecular Weight:** 

99kDa/101kDa/103kDa/105kDa/106kDa/107kDa

**Purification:** Affinity purification

GluN1, MRD8, NMD-R1, NMDA1, NMDAR1, NR1 **Synonyms:** 

> The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligandgated ion channel. These subunits play a key role in the plasticity of

**Background:** 

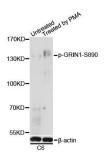
synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants

have been described.

Form: liquid

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage: Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of C6 cells, using Phospho-GRIN1-S890 antibody at 1:1000 dilution. C6 cells were treated by PMA/TPA (200nM) for 30 minutes after serumstarvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL



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Basic Kit. Exposure time: 90s.

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