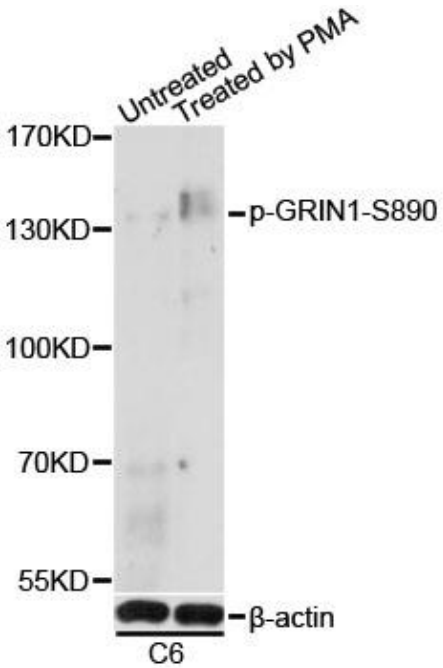
Product name:	Phospho-NMDAR1-S890
Cat number:	ABP-0826
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A phospho specific peptide corresponding to residues surrounding S890 of human GRIN1.
Reactivity:	Hu, Rt
Applications:	WB 1.1000
Molecular Weight:	Observed MW: 140kDaCalculated MW: 99kDa/101kDa/103kDa/105kDa/106kDa/107kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20℃. Avoid freeze / thaw cycles.
Background:	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 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.



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 Basic Kit. Exposure time: 90s.