

## Phospho-GRIN1 (Ser896) Polyclonal Antibody

Catalog No. E-AB-21191

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

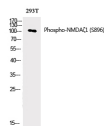
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthesized peptide derived from human NMDA $\zeta$ 1 around the phosphorylation site of Ser896
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>ELISA</b>	1:40000

### Data



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Western Blot analysis of 293T cells using Phospho-GRIN1 (Ser896) Polyclonal Antibody at dilution of 1:500

**Observed Mw:105kDa**  
**Calculated Mw:105kDa**

### Preparation & Storage

**Storage** Store at -20°C. 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 ligand-gated 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.

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