

## Product datasheet for **TA376783**

### NMDAR1 (GRIN1) Rabbit Polyclonal Antibody

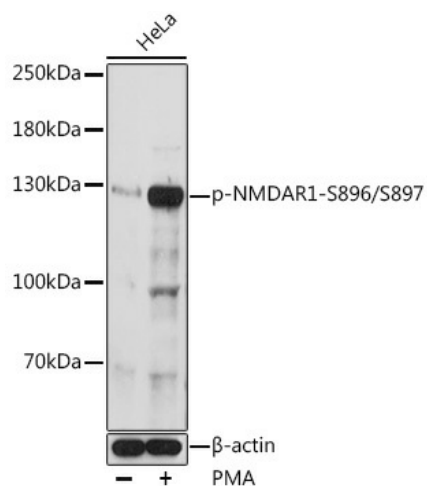
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho S896/S897
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic phosphorylated peptide around of human Phospho-NMDAR1-S896/S897 .
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	99kDa/101kDa/103kDa/105kDa/106kDa/107kDa
Gene Name:	glutamate ionotropic receptor NMDA type subunit 1
Database Link:	<a href="#">Entrez Gene 2902 Human Q05586</a>
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.
Synonyms:	NMDA1; NMDAR1; NR1



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## Product images:



Western blot analysis of extracts of HeLa cells, using Phospho-NMDAR1-S896/S897 antibody (TA376783) at 1:1000 dilution. HeLa cells were treated by UV at room temperature for 30 minutes and PMA (200 nM) at 37°C for 30 minutes after serum-starvation 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.