

Product datasheet for **AP08051PU-S**

NMDAR1 (GRIN1) Rabbit Polyclonal Antibody

Product data:

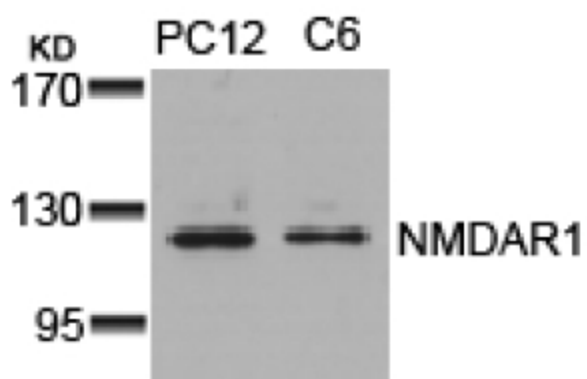
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/500-1/1000. Incubate membrane with diluted antibody in 5% nonfat milk, 1xTBS, 0.1% Tween-20 at 4°C with gentle shaking overnight.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around amino acids 894~898 (R-R-SP-S-K) derived from Human NMDAR1.
Specificity:	This antibody detects endogenous levels of total NMDAR1 protein.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	glutamate ionotropic receptor NMDA type subunit 1
Database Link:	Entrez Gene 2902 Human Q05586
Background:	NMDA receptor subtypes of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. NMDAR1 plays a key role in synaptic plasticity, synaptogenesis, excitotoxicity, memory acquisition and learning. It mediates neuronal functions in glutamate neurotransmission and is involved in the cell surface targeting of NMDA receptors.
Synonyms:	NMDAR1,GRIN1



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Note: Molecular Weight: 120 kDa

Product images:



Western blot analysis of extracts from PC12 and C6 cells using NMDAR1 antibody.