Datasheet for ABIN272046

anti-NMDA 1 Receptor antibody

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Overview

Quantity:	0.1 mg
Target:	NMDA 1 Receptor (NMDA R1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMDA 1 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of NMDAR1 protein.
Purification:	Affinity-Chromatography using epitope-specific immunogen

Target Details

Target:	NMDA 1 Receptor (NMDA R1)
Alternative Name:	NMDA Receptor 1 (NMDA R1 Products)
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: GRIN1, Glutamate [NMDA] receptor subunit zeta-1, NMDAR1

Target Details

Molecular Weight:	approx. 130 kDa
Gene ID:	2902
NCBI Accession:	NP_000823
UniProt:	Q05586

Application Details

Application Notes:	ELISA: 1: 5000approx. 1: 10000. IF: 1: 50approx. 1: 200. IHC: 1: 50approx. 1: 200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH ~7.2, 0.05 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

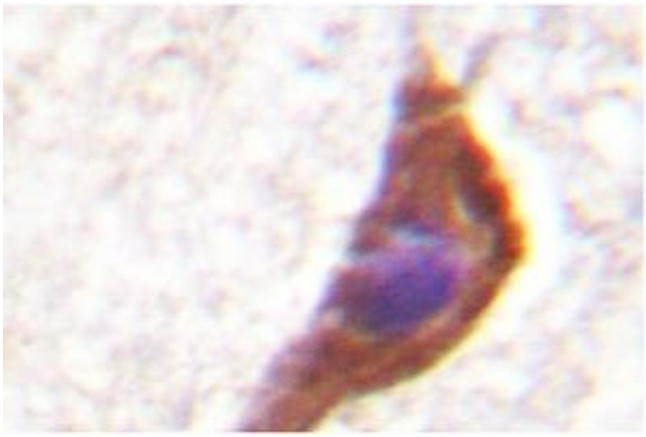

Image 1.

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