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Datasheet for ABIN401632

anti-NMDA 1 Receptor antibody (AA 895-899)

1 Image

Overview

Quantity:	0.1 mL
Target:	NMDA 1 Receptor (NMDA R1)
Binding Specificity:	AA 895-899
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMDA 1 Receptor antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around amino acids 895~899 (R-S-S-K-D)from Human NMDAR1.
Specificity:	This Antibody detects endogenous levels of total NMDAR1 protein.
Purification:	Affinity Chromatography using epitope-specific peptide

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

Target Details

of NMDA receptors.Synonyms: GRIN1, Glutamate [NMDA] receptor subunit zeta-1, NMDAR1

Gene ID: 2902

NCBI Accession: [NP_000823](#)

UniProt: [Q05586](#)

Application Details

Application Notes: Immunofluorescence: 1/100 - 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: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol

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: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.

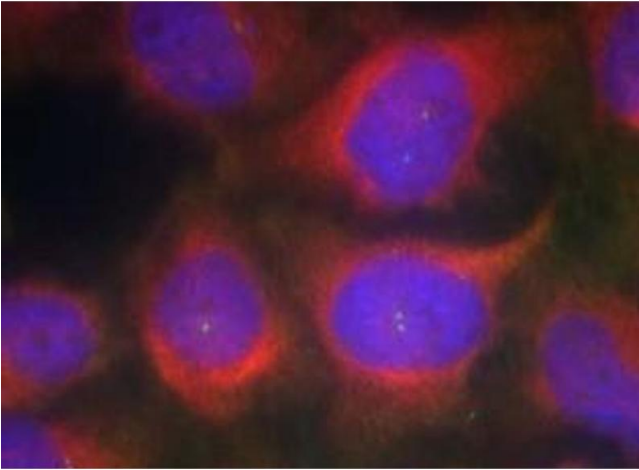


Image 1.