NMDAR1 (Phospho-Ser897) Antibody HRP Conjugated

Catalog No: #C05008H

Package Size: #C05008H 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NMDAR1 (Phospho-Ser897) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 880-920 938 derived from human NMDAR1 around the phosphorylation site of Ser897
Conjugates	HRP
Target Name	NMDAR1 Ser897
Other Names	NR1; MRD8; GluN1; NMDA1; NMDAR1; Glutamate receptor ionotropic, NMDA 1; Glutamate [NMDA] receptor subunit zeta-1; N-methyl-D-aspartate receptor subunit NR1; NMD-R1; GRIN1
Accession No.	Swiss-Prot#Q05586NCBI Gene ID2902
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% Gentamicin.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

Background

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. This protein plays a key role in synaptic plasticity, synaptogenesis, excitotoxicity, memory acquisition and learning. It mediates neuronal functions in glutamate neurotransmission. Is involved in the cell surface targeting of NMDA receptors (By similarity).

Published Papers

el at., SpInal SerotonIn 1A Receptor Contributes to the Analgesia of AcupoInt Catgut EmbeddIng by inhibitIng Phosphorylation of the N-Methyl-d-Aspartate Receptor GluN1 Subunit in Complete Freund's Adjuvant-Induced Inflammatory PaIn In Rats. In J PaIn on 2019 Jan 20 by Cui WQ, Sun WS, et al..PMID:30102991, , (2019)

PMID:30102991

Note: This product is for in vitro research use only and is not intended for use in humans or animals.