NMDAR1 Rabbit mAb

Catalog No: #52464

Package Size: #52464-1 50ul #52464-2 100ul

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

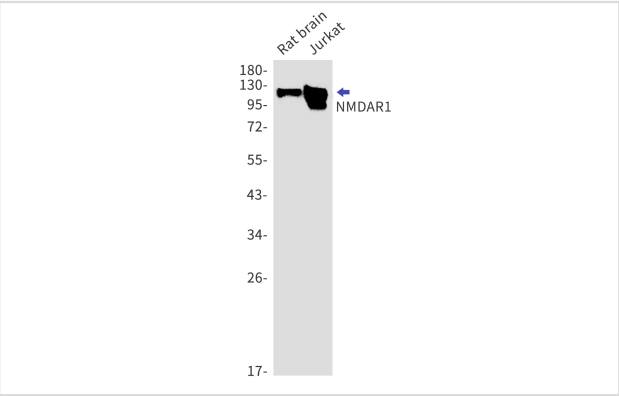
Description

Product Name	NMDAR1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-4B6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human NMDAR1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NR1; MRD8; GluN1; NMDA1; NDHMSD; NDHMSR; NMD-R1; NMDAR1
Accession No.	Swiss-Prot:Q05586GeneID:
Calculated MW	Calculated MW: 105 kDa; Observed MW: 120 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000

Images



Western blot detection of NMDAR1 in Rat brain,Jurkat cell lysates using NMDAR1 Rabbit mAb(1:1000 diluted).Predicted band size:105kDa.Observed band size:120kDa.

Background

Swiss-Prot Acc.Q05586.Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Channel activation requires binding of the neurotransmitter glutamate to the epsilon subunit, glycine binding to the zeta subunit, plus membrane depolarization to eliminate channel inhibition by Mg2+ (PubMed:7685113,

PubMed:28126851, PubMed:26919761, PubMed:26875626, PubMed:28105280). Sensitivity to glutamate and channel kinetics depend on the subunit composition (PubMed:26919761).

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