
Product Name: NMDAR1 Rabbit Monoclonal Antibody**Catalog #: AMRe83927**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.38mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	Calculated MW: 105 kDa ; Observed MW: 120 kDa

Antigen Information

Gene Name	NMDAR1
Alternative Names	GluN1; NMD-R1; GRIN1; NMDAR1; GluN1
Gene ID	
SwissProt ID	Q05586
Immunogen	A synthesized peptide derived from human GluN1

Background

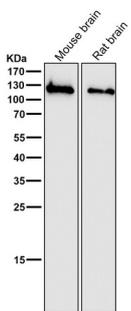
Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Channel activation requires binding of the neurotransmitter

glutamate to the epsilon subunit, glycine binding to the zeta subunit, plus membrane depolarization to eliminate channel inhibition by Mg²⁺.

Research Area

Image Data

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of NMDAR1 expression in mouse brain lysate.

