

Recombinant

DGRmAb®

**NMDAR1 (DGR14132) Rabbit mAb (PBS Only)**

db12435-PBS

Package : 100µg

**Product Name :** NMDAR1 (DGR14132) Rabbit mAb (PBS Only)**Cat.No.:** db12435-PBS**Synonyms :** NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1**Application :** WB, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human NMDAR1

**Gene ID**

2902

**Swiss Prot**

Q05586

**Synonyms**

NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF

**Calculated MW**

105 kDa

**Observed MW**

120 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14132

**Isotype**

IgG

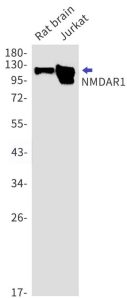
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of NMDAR1 in Rat brain, Jurkat cell lysates using NMDAR1 antibody (1:1000 diluted).