

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

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:50

Calculated MW

105 kDa

Observed MW

120 kDa

Host species

Rabbit

Clonality

Monoclonal

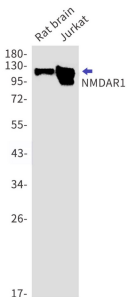
Clonality No.

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 [db12435](#) (1:1000 diluted).