

Recombinant

DGRmAb®

NMDAR1 (DGR14132) Rabbit mAb

db12435

Package : 10µL 20µL 50µL 100µL

Product Name : NMDAR1 (DGR14132) Rabbit mAb**Cat.No.:** db12435**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

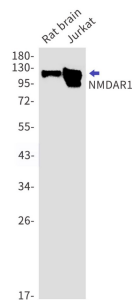
Clonality No.

DGR14132

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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).