Recombinant DGRmAb®

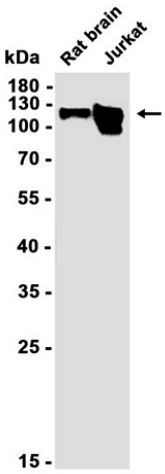
NMDAR1 (DGR14132) Rabbit mAb

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 analysis of extracts from Jurkat cells and Rat brain tissue using db12435 at 1:1000.