Recombinant DGRmAb®

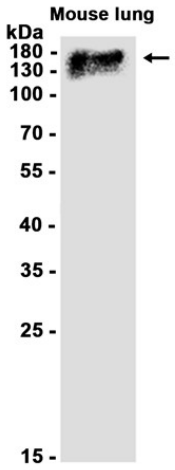
NMDAR2A (DGR11450) Rabbit mAb (PBS Only)

db12123-PBS **Package : 10μg 100μg**

Product Name : NMDAR2A (DGR11450) Rabbit mAb (PBS Only)
Cat.No.: db12123-PBS
Synonyms : NR2A; GluN2A; NMDAR2A
Application : WB
Reactivity : Mouse,Rat
Host species : Rabbit

Background	Component of NMDA receptor complexes that function as heterotetrameric, ligand-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium (PubMed:1374164). 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+. Sensitivity to glutamate and channel kinetics depend on the subunit composition; channels containing GRIN1 and GRIN2A have higher sensitivity to glutamate and faster kinetics than channels formed by GRIN1 and GRIN2B (By similarity). Contributes to the slow phase of excitatory postsynaptic current, long-term synaptic potentiation, and learning (PubMed:7816096, PubMed:8987814).
Immunogen	Recombinant protein of mouse NMDAR2A
Gene ID	14811
Swiss Prot	P35436
Synonyms	NR2A; GluN2A; NMDAR2A
Reactivity	Mouse,Rat
Application	WB
Calculated MW	165 kDa
Observed MW	165 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11450
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 analysis of extracts from Mouse lung tissue using db12123 at 1:1000.