Recombinant DGRmAb®

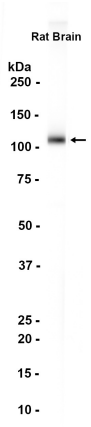
AMPA Receptor 4 (GluA 4) (DGR35471) Rabbit mAb

db11323 **Package : 10μL 20μL 50μL 100μL**

Product Name : AMPA Receptor 4 (GluA 4) (DGR35471) Rabbit mAb
Cat.No.: db11323
Synonyms : GLUR4; GLURD; GluA4; GLUR4C
Application : WB, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene show a positive association with schizophrenia. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human AMPA Receptor 4
Gene ID	2893, 14802, 29629
Swiss Prot	P48058, Q9Z2W8, P19493
Synonyms	GLUR4; GLURD; GluA4; GLUR4C
Reactivity	Human,Mouse,Rat
Application	WB, FC
Recommended dilution	WB: 1:1000-1:5000 FC: 1:10-1:100
Calculated MW	101 kDa
Observed MW	101 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR35471
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 Rat brain tissue using db11323 at 1:1000.