

Recombinant

DGRmAb®

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

db11323-PBS

Package : 100µg

Product Name : AMPA Receptor 4 (GluA 4) (DGR35471) Rabbit mAb (PBS Only)**Cat.No.:** db11323-PBS**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 dilutionWB: 1:1000-1:5000
FC: 1:10-1:100**Calculated MW**

101 kDa

Observed MW

101 kDa

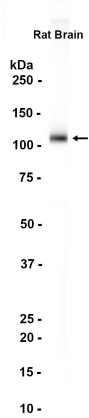
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR35471
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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 Rat brain tissue using [db11323](#)