

Recombinant

DGRmAb®

Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) (DGR16107) Rabbit mAb (PBS Only)

db11874-PBS

Package : 100µg

Product Name : Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) (DGR16107) Rabbit mAb (PBS Only)**Cat.No.:** db11874-PBS**Synonyms** : GLUH1; GLUR1; GLURA; GluA1; HBGR1**Application** : WB**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 with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser845 of human AMPA Receptor 1 (GluA1)

Gene ID

2890

Swiss Prot

P42261

Synonyms

GLUH1; GLUR1; GLURA; GluA1; HBGR1

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

102 kDa

Observed MW

102 kDa

Host species

Rabbit

Clonality

Monoclonal

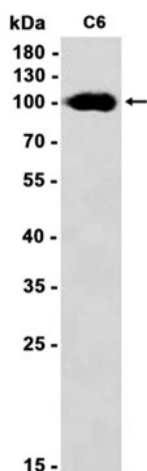
Clonality No.

DGR16107

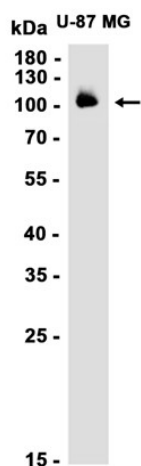
Isotype

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 C6 cells using [db11874](#) at 1:1000.



Western blot analysis of extracts from U-87 MG cells using [db11874](#) at 1:1000.