

Ionotropic Glutamate receptor 4 Rabbit pAb

db24360

Package : 20µL 50µL 100µL

Product Name : Ionotropic Glutamate receptor 4 Rabbit pAb**Cat.No.:** db24360**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

FC: 1:20

Calculated MW

101 kDa

Observed MW

101 kDa

Host species

Rabbit

Clonality

Polyclonal

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.