

CAB4593

Product Information

Product SKU:	CAB4593	Gene ID:	2893	Size:	20uL, 100uL
Clone No:	ARC1045	Host Species:	Rabbit	Reactivity:	Mouse,Rat

Additional Information

Observed MW:	101kDa	Conjugate:	Unconjugated
Calculated MW:	101kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	GLUR4; GLURD; GluA4; GLUR4C; NEDSGA; GluA4-ATD; GluR4/GluA4/GRIA4
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 800-902 of human GluR4/GluA4/GRIA4 (P48058).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.