

ARG58887
anti-GluK4 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GluK4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GluK4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 21-220 of Human GluK4 (NP_055434.2).
Conjugation	Un-conjugated
Alternate Names	GluK4; Glutamate receptor KA-1; Excitatory amino acid receptor 1; Glutamate receptor ionotropic, kainate 4; KA1; EAA1; GRIK

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat kidney	
Observed Size	100 kDa	

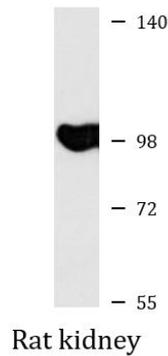
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GRIK4
Gene Full Name	glutamate receptor, ionotropic, kainate 4
Background	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
Function	Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. [UniProt]
Calculated Mw	107 kDa
Cellular Localization	Cell junction, Cell membrane, Multi-pass membrane protein, postsynaptic cell membrane, synapse. [UniProt]

Images



ARG58887 anti-GluK4 antibody WB image

Western blot: 25 µg of Rat kidney lysate stained with ARG58887 anti-GluK4 antibody at 1:3000 dilution.