

ARG58872
anti-GRID1 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GRID1
Tested Reactivity	Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GRID1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 880-1009 of Human GRID1 (NP_060021.1).
Conjugation	Un-conjugated
Alternate Names	GluR delta-1 subunit; Glutamate receptor ionotropic, delta-1; GluD1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	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	Mouse bladder	
Observed Size	90 kDa	

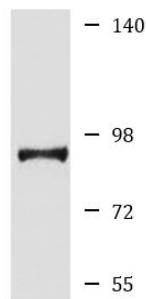
Properties

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	GRID1
Gene Full Name	glutamate receptor, ionotropic, delta 1
Background	This gene encodes a subunit of glutamate receptor channels. These channels mediate most of the fast excitatory synaptic transmission in the central nervous system and play key roles in synaptic plasticity.[provided by RefSeq, Jan 2009]
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	112 kDa
Cellular Localization	Cell membrane, Multi-pass membrane protein, Cell junction, synapse, postsynaptic cell membrane. [UniProt]

Images



Mouse bladder

ARG58872 anti-GRID1 antibody WB image

Western blot: 25 µg of Mouse bladder lysate stained with ARG58872 anti-GRID1 antibody at 1:1000 dilution.