

## ARG58872 anti-GRID1 antibody

Package: 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	

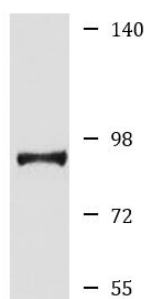
### Properties

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.