

## ARG58739 anti-GABRG1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GABRG1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GABRG1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 200-260 of Human GABRG1 (NP_775807.2).
Conjugation	Un-conjugated
Alternate Names	A; Gamma-aminobutyric acid receptor subunit gamma-1; GABA

### 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 brain	
Observed Size	54 kDa	

### Properties

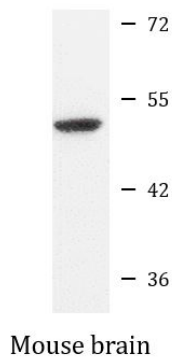
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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

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Gene Symbol	GABRG1
Gene Full Name	gamma-aminobutyric acid (GABA) A receptor, gamma 1
Background	The protein encoded by this gene belongs to the ligand-gated ionic channel family. It is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the benzodiazepine receptor and opening an integral chloride channel. This gene is clustered with three other family members on chromosome 4. [provided by RefSeq, Jul 2008]
Function	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel. [UniProt]
Calculated Mw	54 kDa
PTM	May be palmitoylated. [UniProt]
Cellular Localization	Cell junction, Cell membrane, Multi-pass membrane protein, postsynaptic cell membrane, synapse. [UniProt]

## Images



ARG58739 anti-GABRG1 antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG58739 anti-GABRG1 antibody at 1:1000 dilution.