

Product datasheet

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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

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]

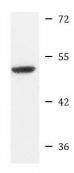
Calculated Mw 54 kDa

PTM May be palmitoylated. [UniProt]

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.

Mouse brain