

ARG65227 anti-GABAA Receptor gamma 2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GABAA Receptor gamma 2
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Cow
Tested Application	WB
Specificity	This antibody is expected to recognize all reported isoforms: NP_944494.1; NP_000807.2; NP_944493.2. Note the aa numbers used in the name are from NP_944494.1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GABAA Receptor gamma 2
Species	Human
Immunogen	C-NNATHLQERDE
Conjugation	Un-conjugated
Alternate Names	A; CAE2; ECA2; GEFSP3; Gamma-aminobutyric acid receptor subunit gamma-2; GABA

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

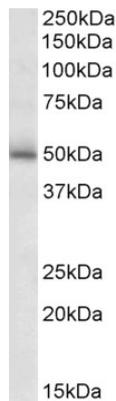
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

Database links	GeneID: 14406 Mouse GeneID: 29709 Rat Swiss-port # P18508 Rat Swiss-port # P22723 Mouse
Background	This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain, where it acts at GABA-A receptors, which are ligand-gated chloride channels. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Research Area	Neuroscience antibody
Calculated Mw	54 kDa
PTM	Palmitoylated by ZDHHC3/GODZ; which may affect presynaptic clustering and/or cell surface stability.

Images



ARG65227 anti-GABAA Receptor gamma 2 antibody WB image

Western blot: Mouse Brain lysate (35 µg protein in RIPA buffer) stained with ARG65227 anti-GABAA Receptor gamma 2 antibody at 2 µg/ml dilution.