

ARG22235 anti-GABAA Receptor delta antibody [S151-3]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [S151-3] recognizes GABAA Receptor delta
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Specificity	Detects ~55kDa.
Host	Mouse
Clonality	Monoclonal
Clone	S151-3
Isotype	IgG2a
Target Name	GABAA Receptor delta
Species	Rat
Immunogen	Synthetic peptide around aa. 15-34 of Rat GABAA Receptor delta
Conjugation	Un-conjugated
Alternate Names	A; EJM7; GEFSP5; Gamma-aminobutyric acid receptor subunit delta; EIG10; GABA

Application Instructions

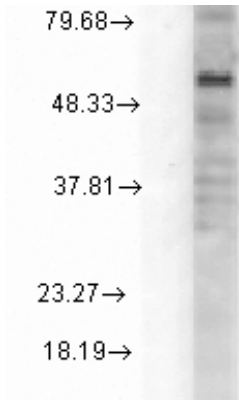
Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.09% Sodium azide and 50% Glycerol
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 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. 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	Gabrd
Gene Full Name	gamma-aminobutyric acid (GABA) A receptor, delta
Background	Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. The GABA-A receptor is generally pentameric and there are five types of subunits: alpha, beta, gamma, delta, and rho. This gene encodes the delta subunit. Mutations in this gene have been associated with susceptibility to generalized epilepsy with febrile seizures, type 5. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. [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	51 kDa
Cellular Localization	Cell Junction, Cell membrane, postsynaptic cell membrane, Synapse

Images



ARG22235 anti-GABAA Receptor delta antibody [S151-3] WB image

Western blot: Rat cell line lysates stained with ARG22235 anti-GABAA Receptor delta antibody [S151-3] at 1:1000 dilution.