

## ARG66235 anti-GABAA Receptor beta 1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GABAA Receptor beta 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P
Specificity	This antibody detects endogenous levels of GABAA Receptor beta 1 protein.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GABAA Receptor beta 1
Species	Human
Immunogen	Synthetic peptide around Ser434 of Human GABAA Receptor beta 1.
Conjugation	Un-conjugated
Alternate Names	A; Gamma-aminobutyric acid receptor subunit beta-1; GABA

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	55 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
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.

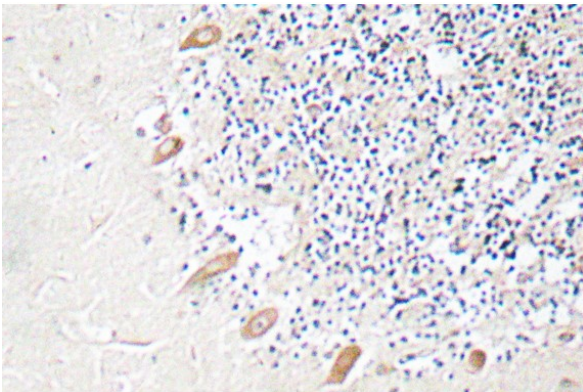
## Bioinformation

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Gene Symbol	GABRB1
Gene Full Name	gamma-aminobutyric acid (GABA) A receptor, beta 1
Background	The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor. Alteration of this gene is implicated in the pathogenetics of schizophrenia. [provided by RefSeq, Jul 2008]
Function	Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as receptor for diazepines and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as ligand-gated chloride channel (By similarity). [UniProt]
Calculated Mw	54 kDa

## Images

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ARG66235 anti-GABAA Receptor beta 1 antibody IHC-P image

Immunohistochemistry: Human brain tissue stained with ARG66235 anti-GABAA Receptor beta 1 antibody.