



Rabbit Anti-GABRR1/FITC Conjugated antibody

SL12084R-FITC

Product Name:	Anti-GABRR1/FITC
Chinese Name:	FITC标记的G氨基丁酸A型受体rho1/GABAA R ρ 1抗体
Alias:	bA135P14.1 (gamma-aminobutyric acid (GABA) receptor rho 1); GABA(A) receptor subunit rho-1; gamma aminobutyric acid receptor rho 1; gamma-aminobutyric acid (GABA) A receptor rho-1; gamma-aminobutyric acid (GABA) receptor rho 1; Gamma-aminobutyric acid receptor subunit rho-1; MGC163216; GBRR1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,Pig,Cow,Rabbit,
Applications:	ICC=1:50-200IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	53kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GABRR1
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail:	background: GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. GABRR1 is a member of the rho subunit family. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Function:

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand gated chloride channels. GABRR1 is a member of the rho subunit family

Subunit:

Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho. Interacts with SQSTM1

Subcellular Location:

Cell junction, synapse, postsynaptic cell membrane; Multipass membrane protein. Cell membrane; Multipass membrane protein.

Tissue Specificity:

Highly expressed in the retina and in a lesser extent in brain, lung and thymus.

Similarity:

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRR1 sub-subfamily.

Database links:

[Entrez Gene: 2569](#) Human

[Omim: 137161](#) Human

[SwissProt: P24046](#) Human

[Unigene: 99927](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.