



Rabbit Anti-GABRG1 antibody

SL12078R

Product Name:	GABRG1
Chinese Name:	G氨基丁酸受体 γ 1/GABAA R γ 1抗体
Alias:	GABA A Receptor gamma 1; GABA(A) receptor subunit gamma 1; GabaA/BZ; GABRG 1; GABRG1; Gamma aminobutyric acid (GABA A) receptor subunit gamma 1; Gamma aminobutyric acid A receptor, gamma 1; GBRG1;
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	50kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GABRG1:65-160/465<Extracellular>
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.
PubMed:	PubMed
Product Detail:	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 A Receptor gamma 1 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.

Subunit:

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

Subcellular Location:

Cell junction, synapse, postsynaptic cell membrane; Multi pass membrane protein.

Post-translational modifications:

May be palmitoylated

Similarity:

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRG1 sub-subfamily.

SWISS:

Q8N1C3

Gene ID:

2565

Database links:

[Entrez Gene: 2565](#) Human

[Entrez Gene: 14405](#) Mouse

[Entrez Gene: 140674](#) Rat

[Omim: 137166](#) Human

[SwissProt: Q8N1C3](#) Human

[SwissProt: Q9R0Y8](#) Mouse

[SwissProt: P23574](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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