

## Rabbit Anti-GABRG1 antibody

SL12078R

<b>Product Name</b>	GABRG1
<b>Chinese Name</b>	G 氨基丁酸受体 $\gamma$ 1/GABAA R $\gamma$ 1 抗体
<b>Alias</b>	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;
<b>Research Area</b>	Neurobiology The cell membrane 受体 G protein-coupled receptor G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep, ) ELISA=1:5000-10000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	50kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GABRG1: 65-160/465 <Extracellular>
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>

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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

**Product Detail**



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[SwissProt: Q8N1C3](#) Human

[SwissProt: Q9R0Y8](#) Mouse

[SwissProt: P23574](#) Rat