



## Rabbit Anti-GABARE antibody

SL12081R

<b>Product Name:</b>	GABARE
<b>Chinese Name:</b>	G氨基丁酸受体ε/GABAA Rε抗体
<b>Alias:</b>	GABA Receptor Epsilon; GABA(A) receptor epsilon; GABA(A) receptor subunit epsilon; Gabre; Gamma aminobutyric acid (GABA) A receptor epsilon; Gamma aminobutyric acid receptor subunit epsilon; Gamma-aminobutyric acid receptor subunit epsilon; GBRE HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Horse,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	56kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human GABARE/GABA Receptor Epsilon:54-150/506<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The product of this gene belongs to the ligand-gated ionic channel (TC 1.A.9) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central

nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein. [provided by RefSeq, Oct 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.

**Subunit:**

Generally pentameric. Associates with alpha and beta subunits.

**Subcellular Location:**

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

**Tissue Specificity:**

Expressed in many tissues. Highest levels of expression in adult heart and placenta.

**Similarity:**

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

**SWISS:**

P78334

**Gene ID:**

2564

**Database links:**

[Entrez Gene: 2564](#) Human

[Entrez Gene: 65191](#) Rat

[Omim: 300093](#) Human

[SwissProt: P78334](#) Human

[SwissProt: Q9ES14](#) Rat

[Unigene: 22785](#) Human

[Unigene: 54455](#) 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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