

Rabbit Anti-GABARE antibody

SL12081R

Product Name GABARE

Chinese Name G 氨基丁酸受体 ϵ /GABAA R ϵ 抗体

Alias 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.

Research Area Neurobiology Channel protein The cell membrane 受体 G protein-coupled receptor G protein signal

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Dog, Horse,)
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Applications (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 56kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human GABARE/GABA Receptor Epsilon: 54-150/506 <Extracellular>

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

diagnostic applications.

PubMed

[PubMed](#)

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.

Product Detail

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



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[SwissProt: P78334](#) Human

[SwissProt: Q9ES14](#) Rat

[Unigene: 22785](#) Human

[Unigene: 54455](#) Rat