

## **GABAA Re Polyclonal Antibody**

Catalog No: YT5068

Reactivity: Human;Rat

**Applications:** WB;ELISA

Target: GABAA Re

Fields: >>Neuroactive ligand-receptor interaction;>>Retrograde endocannabinoid

signaling;>>GABAergic synapse;>>Morphine addiction;>>Nicotine addiction

Gene Name: GABRE

**Protein Name:** Gamma-aminobutyric acid receptor subunit epsilon

Human Gene Id: 2564

**Human Swiss Prot** 

No:

**Immunogen:** Synthesized peptide derived from the Internal region of human GABAA range:

R۶

Specificity: GABAA Re Polyclonal Antibody detects endogenous levels of GABAA Re

protein.

P78334

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band:** 57kD

**Cell Pathway:** Neuroactive ligand-receptor interaction;

**Background:** 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:** 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.,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Generally pentameric. Associates with alpha and beta subunits.,tissue specificity:Expressed in many tissues. Highest

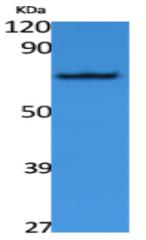
levels of expression in adult heart and placenta.,

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

**Expression:** Expressed in many tissues. Highest levels of expression in adult heart and

placenta.

## **Products Images**



Western Blot analysis of extracts from Jurkat cells, using GABAA Rε Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

GABAA Rε