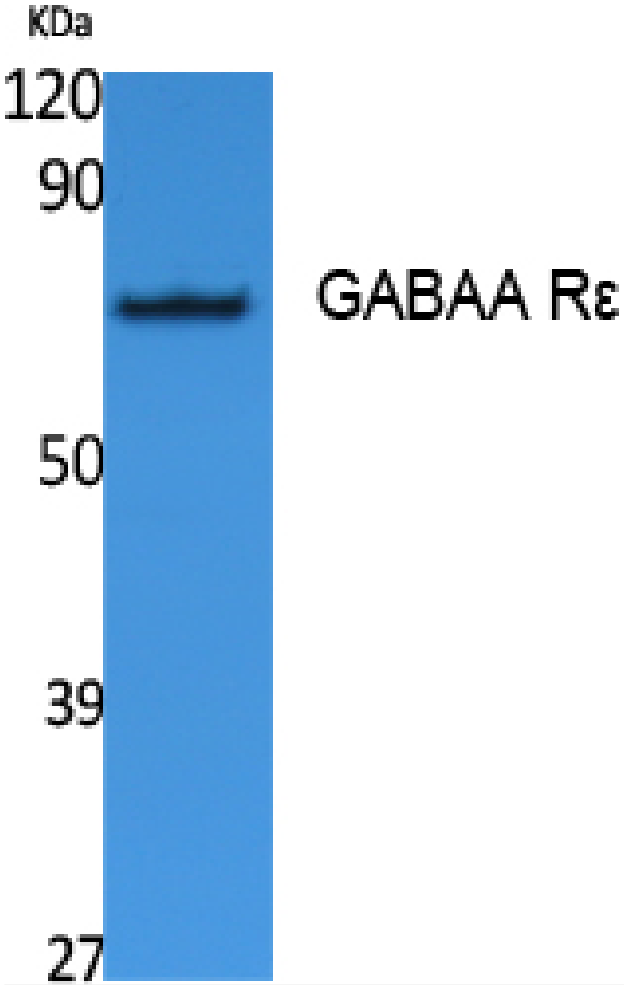
GABAA Rε Polyclonal Antibody

Catalog No	YP-Ab-16520
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GABRE
Protein Name	Gamma-aminobutyric acid receptor subunit epsilon
Immunogen	Synthesized peptide derived from the Internal region of human GABAA range: Rε
Specificity	GABAA Rε Polyclonal Antibody detects endogenous levels of GABAA Rε protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GABRE; Gamma-aminobutyric acid receptor subunit epsilon; GABA(A) receptor subunit epsilon
Observed Band	57kD
Cell Pathway	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.
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.,
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],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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