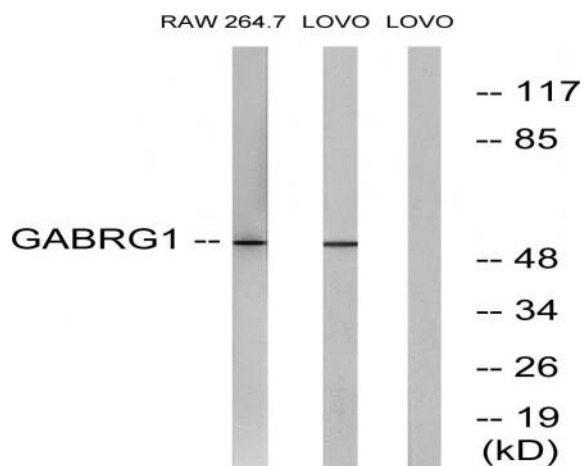


GABAA Ry1 Polyclonal Antibody

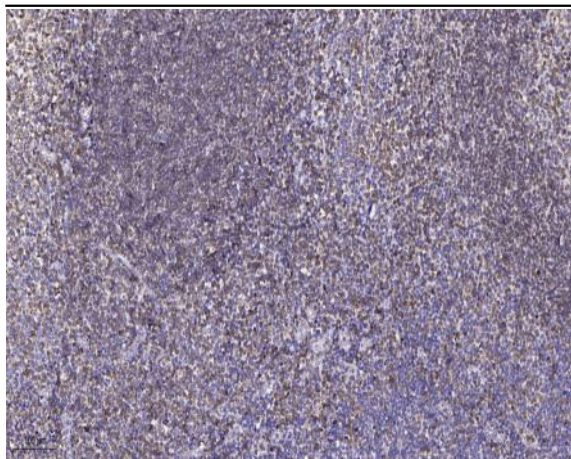
Catalog No :	YT1826
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	GABAA Ry1
Fields :	>>Neuroactive ligand-receptor interaction;>>Retrograde endocannabinoid signaling;>>GABAergic synapse;>>Morphine addiction;>>Nicotine addiction
Gene Name :	GABRG1
Protein Name :	Gamma-aminobutyric acid receptor subunit gamma-1
Human Gene Id :	2565
Human Swiss Prot No :	Q8N1C3
Mouse Gene Id :	14405
Mouse Swiss Prot No :	Q9R0Y8
Rat Gene Id :	140674
Rat Swiss Prot No :	P23574
Immunogen :	The antiserum was produced against synthesized peptide derived from human GABRG1. AA range:11-60
Specificity :	GABAA Ry1 Polyclonal Antibody detects endogenous levels of GABAA Ry1 protein.
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. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

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 :	54kD
Cell Pathway :	Neuroactive ligand-receptor interaction;
Background :	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 :	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.,miscellaneous:This subunit carries the benzodiazepine binding site.,online information:Forbidden fruit - Issue 56 of March 2005,PTM:May be palmitoylated.,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,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. Cell membrane; Multi-pass membrane protein.
Expression :	Amygdala,Brain,

Products Images



Western blot analysis of lysates from LOVO and RAW264.7 cells, using GABRG1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).