

Relaxin 3 Polyclonal Antibody

Catalog No :	YT4041
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	Relaxin 3
Fields :	>>Neuroactive ligand-receptor interaction;>>Relaxin signaling pathway
Gene Name :	RLN3
Protein Name :	Relaxin-3
Human Gene Id :	117579
Human Swiss Prot No :	Q8WXF3
Mouse Swiss Prot No :	Q8CHK2
Immunogen :	Synthesized peptide derived from the Internal region of human Relaxin 3.
Specificity :	Relaxin 3 Polyclonal Antibody detects endogenous levels of Relaxin 3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:40000.. 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)

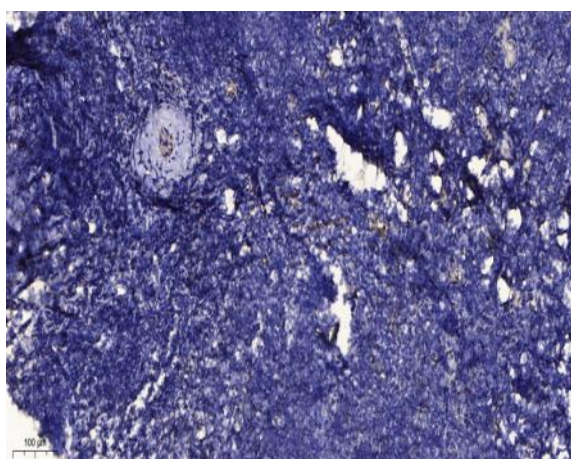
Molecularweight : 15kD

Background : relaxin 3(RLN3) Homo sapiens This gene encodes a member of the relaxin family of insulin-like hormones that is expressed predominantly in the brain and plays a role in physiological processes such as stress, memory and appetite regulation. The encoded protein is a precursor that is proteolytically processed to generate a heterodimeric mature form consisting A and B chains interlinked by disulfide bonds. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2015],

Function : function:May play a role in neuropeptide signaling processes. Ligand for LGR7, relaxin-3 receptor-1 (GPCR135) and relaxin-3 receptor-2 (GPCR142).,similarity:Belongs to the insulin family.,subunit:Heterodimer of a B chain and an A chain linked by two disulfide bonds.,

Subcellular Location : Secreted.

Products Images



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, 30min).