

GnRH I Polyclonal Antibody

Catalog No :	YT1940
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	GNRH1
Fields :	>>Neuroactive ligand-receptor interaction;>>GnRH signaling pathway;>>GnRH secretion
Gene Name :	GNRH1
Protein Name :	Progonadoliberin-1
Human Gene Id :	2796
Human Swiss Prot No :	P01148
Mouse Swiss Prot No :	P13562
Immunogen :	The antiserum was produced against synthesized peptide derived from human GnRH I. AA range:43-92
Specificity :	GnRH I Polyclonal Antibody detects endogenous levels of GnRH I 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: 1:10000.. 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 : 10kD

Cell Pathway : GnRH;

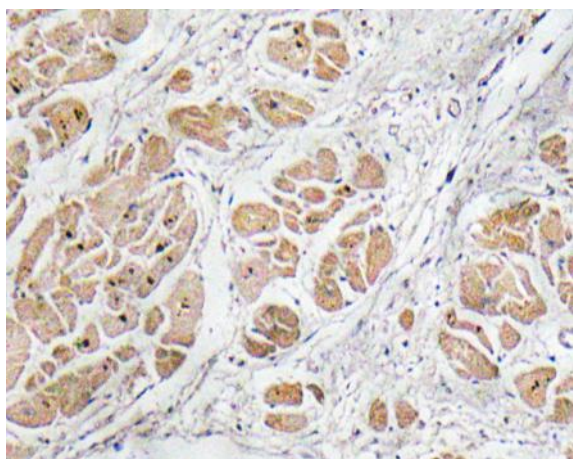
Background : gonadotropin releasing hormone 1 (GNRH1) Homo sapiens This gene encodes a preproprotein that is proteolytically processed to generate a peptide that is a member of the gonadotropin-releasing hormone (GnRH) family of peptides. Alternative splicing results in multiple transcript variants, at least one of which is secreted and then cleaved to generate gonadoliberin-1 and GnRH-associated peptide 1. Gonadoliberin-1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutations in this gene are associated with hypogonadotropic hypogonadism. [provided by RefSeq, Nov 2015],

Function : function:Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones.,online information:Gonadotropin-releasing hormone entry,pharmaceutical:Available under the names Factrel (Ayerst Labs), Lutrepulse or Lutrelef (Ferring Pharmaceuticals) and Relisorm (Serono). Used in evaluating hypothalamic-pituitary gonadotropic function.,similarity:Belongs to the GnRH family.,

Subcellular Location : Secreted.

Expression : Brain,

Products Images



Immunohistochemistry analysis of GnRH I antibody in paraffin-embedded human heart tissue.