

Follicle-Stimulating Hormone (FSH) (PT0093R) rabbit mAb

Catalog No :	YM7018
Reactivity :	Human;
Applications :	IHC; ELISA
Target :	FSH
Fields :	>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>GnRH signaling pathway;>>Ovarian steroidogenesis
Gene Name :	FSHB
Protein Name :	FSH
Human Gene Id :	2488
Human Swiss Prot No :	P01225
Immunogen :	Synthesized peptide derived from human FSH AA range:1-100
Specificity :	This antibody detects endogenous levels of FSH
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Background :	follicle stimulating hormone beta subunit(FSHB) Homo sapiens The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In

conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008],

Function :

disease:Defects in FSHB are a cause of isolated follicle-stimulating hormone deficiency (IFSHD) [MIM:229070]. Selective follicle-stimulating hormone deficiency is an uncommon cause of infertility, producing amenorrhea and hypogonadism in women and oligo or azoospermia with normal testosterone levels in normally virilised men.,function:Stimulates development of follicle and spermatogenesis in the reproductive organs.,online information:Follicle-stimulating hormone entry,online information:The Singapore human mutation and polymorphism database,pharmaceutical:Available under the names Gonal-F or Metrodin HP (Serono) and Puregon (Organon). Used in the treatment of infertility in women with proven hypopituitarism or who have not responded to clomifene; or in superovulation treatment for assisted conception (such as in vitro fertilization). Metrodin HP is also used in the treatment of hypogona

Subcellular Location :

Cytoplasmic

Expression :

Cytoplasmic

Products Images