

促黄体生成素抗体

产品货号： mIR0951

英文名称： LH beta

中文名称： 促黄体生成素抗体

别名： luteinizing hormone beta; CGB 4; CGB4; hLHB; Interstitial cell stimulating hormone; Interstitial cell stimulating hormone beta chain; Leutropin; LH B; LHB; LSH B; LSH beta; LSHB; LH-B; LSH-B; LSH-beta; Luteinising hormone; Luteinizing hormone beta; Luteinizing hormone beta polypeptide; Luteinizing hormone beta subunit; Luteinizing hormone subunit beta; Lutropin beta chain; Lutropin beta chain precursor; Lutropin subunit beta; LSHB_HUMAN.

研究领域： 生长因子和激素 内分泌病

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 13kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from midlle of human LH beta:51-120/141

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： Luteinizing Hormone is a member of the glycoprotein hormone family. Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. Mutations in the Luteinizing Hormone (LHB) gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism.

Function:

Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.

Subunit:

Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.

Subcellular Location:

Secreted.

Tissue Specificity:

Pituitary gland.

DISEASE:

Hypogonadism LHB-related (HGON-LHB) [MIM:152780]: Characterized by infertility and pseudohermaphroditism.

Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:

Belongs to the glycoprotein hormones subunit beta family.

SWISS:

P01229

Gene ID:

3972

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

LH 和 FSH 都是垂体前叶产生的，由两条多肽链(即 α 和 β 亚单位)经非共价键结合的糖蛋白。LH 和 FSH 都是呈脉冲式分泌，故有较明显的日内和日间变异。

女性月经中期的 LH 高峰促成排卵，男性 LH 主要刺激 Leydig 细胞产生睾丸酮，又协同 FSH 促进精子成熟。与 FSH 同时测定，是研究和判断下丘脑 — 垂体 — 性腺轴功能的常规检查方法。LH 的测定在预测排卵时间上具有特殊重要意义，它还可用于绝经期检查，不孕症诊断和内分泌治疗的监测等。