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LHB Rabbit pAb

Catalog # AP99918

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P01229
Other Accession	P01229
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15345
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from midlle of human LH beta
Epitope Specificity	51-120/141
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycoprotein hormones subunit beta family.
SUBUNIT	Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	3972
Other Names	CGB4; HH23; LSH-B; LSH-beta; Gm29035; LH; LH-B; LSHB_HUMAN; LHB; Lutropin beta chain; Luteinizing hormone subunit beta (LH-B | LSH-B | LSH-beta); LSHB_MOUSE; LSHB_RAT; luteinizing hormone subunit beta; luteinizing hormone beta polypeptide; lutropin, beta chain; interstitial cell stimulating hormone, beta chain
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	LHB
Function	Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.
Cellular Location	Secreted.
Tissue Location	Pituitary gland.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.