

Rabbit LHB Polyclonal Antibody | anti-LHB antibody

LHB Antibody

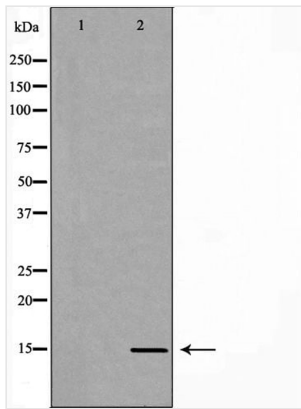
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326874	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

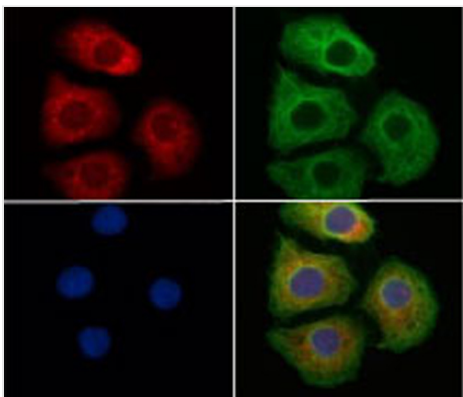
LHB; Polyclonal Antibody; LHB Antibody; CGB4; CHORIONIC GONADOTROPIN; BETA POLYPEPTIDE 4; hLHB; Interstitial cell stimulating hormone beta chain; Leutropin; LH-B; LSH beta; LSH-B; LSH-beta; LSHB; LSHB_HUMAN; Luteinizing hormone beta polypeptide; Luteinizing hormone subunit beta; Lutropin beta chain; Lutropin subunit beta; anti-LHB antibody

PRODUCT SPECIFICATIONS

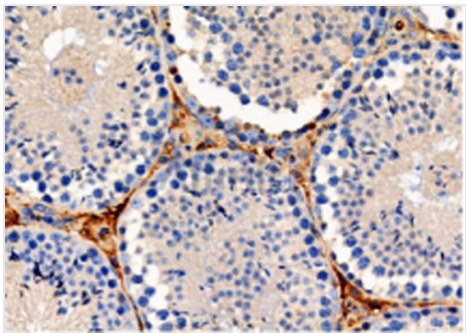
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LHB antibody detects endogenous levels of total LHB
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	141
Applicable Applications for anti-LHB antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human LHB, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts of Mouse pituitary, using LHB antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA326874 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA326874 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



IHC (Immunohistochemistry)
AAA326874 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LHB antibody	Description: This gene is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and a 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. The genes for the beta chains of chorionic gonadotropin and for luteinizing hormone are contiguous on chromosome 19q13.3. Mutations in this gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504989
NCBI GeneID	3972
NCBI Accession #	NP_000885.1
NCBI GenBank Nucleotide #	NM_000894.2
UniProt Accession #	P01229; Q9UDI0
Molecular Weight	15kD
NCBI Official Full Name	lutropin subunit beta

NCBI Official Synonym Full Names	luteinizing hormone beta polypeptide
NCBI Official Symbol	LHB
NCBI Official Synonym Symbols	CGB4; HH23; LSH-B; LSH-beta
NCBI Protein Information	lutropin subunit beta
UniProt Protein Name	Lutropin subunit beta
UniProt Gene Name	LHB
UniProt Synonym Gene Names	Lutropin beta chain; LH-B; LSH-B; LSH-beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lhb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/326874>