

Rabbit anti-Human, Mouse LHB Polyclonal Antibody | anti-LHB antibody

LHB antibody

CATALOG # AAA305634	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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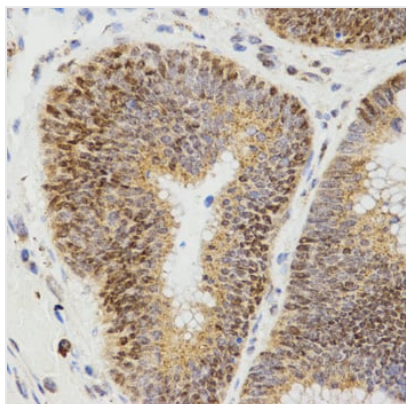
PRODUCT SYNONYMS

LHB; Polyclonal Antibody; LHB antibody; CGB4; hLHB; LSH-B; anti-LHB antibody

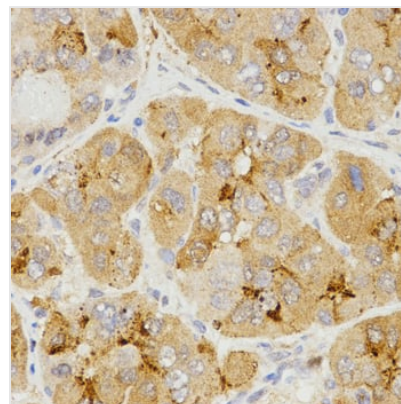
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total LHB antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	141
Applicable Applications for anti-LHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human LHB.
Target Name	LHB
Preparation and Storage	Store at -20 degree C

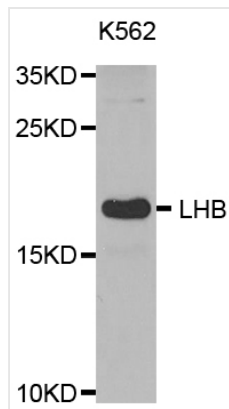
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human rectal cancer tissue using LHB antibody at dilution of 1:200 (x400 lens).


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver cancer tissue using LHB antibody at dilution of 1:200 (x400 lens).



WB (Western Blot)

Western blot analysis of extracts of K562 cell line, using LHB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LHB antibody	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 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. 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.
Product Categories/Family for anti-LHB antibody	Total protein Ab

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; hLHB; LSH-B
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
UniProt Entry Name	LSHB_HUMAN

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.