Rabbit anti-Human LHB/CGB1 Polyclonal Antibody | anti-LHB antibody

LHB/CGB1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283248	**Rabbit**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

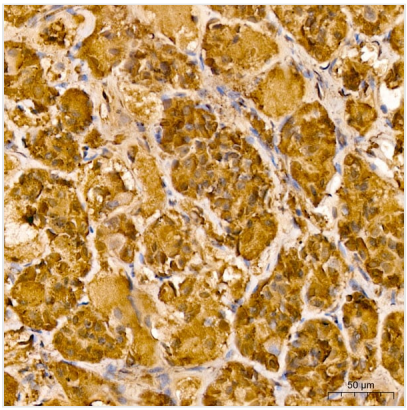
PRODUCT SYNONYMS

LHB/CGB1; Polyclonal Antibody; LHB/CGB1 Rabbit pAb; LHB; CGB4; HH23; LSH-B; LSH-beta; lutropin subunit beta; Lutropin subunit beta; anti-LHB antibody

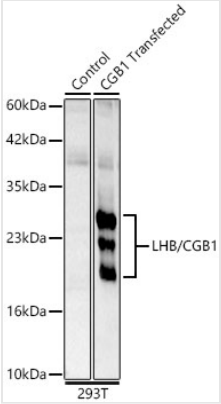
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	SREPLRPWCH PINAILAVEK EGCPVCITVN TTICAGYCPT MMRVLQAVLP PLPQVVCTYR DVRFESIRLP GCPRGVDPVV SFPVALSCRC GPCRRSTSDC GGPKDHPLTC DHPQLSGLLF L
Applicable Applications for anti-LHB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 21-141of human LHB(NP_000885.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

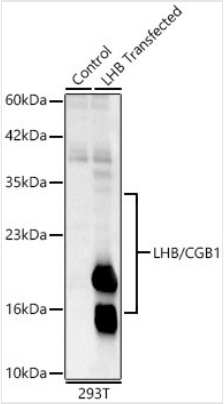
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Human pituitary gland tissue using LHB/CGB1 Rabbit pAb (AAA283248) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)
Western blot analysis of lysates from wild type (WT) and 293T cells transfected with LHB/CGB1 using Lutropin subunit beta Rabbit pAb (AAA283248) at 1:800 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 45s.



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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	Signal Transduction; Cell Biology & Developmental Biology; Growth factor; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4262812
NCBI GeneID	3972
UniProt Accession #	P01229; Q9UDI0
Molecular Weight	Calculated MW: 15kDa Observed MW: 15-30kDa
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/lhb-cgb1-antibody-immunohistochemistry-western-blot-elisa/283248