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LHB Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7982b

Specification

LHB Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P01229
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**15345**
Antigen Region	**78-104**

LHB Antibody (C-term) - Additional Information

Gene ID 3972

Other Names
Lutropin subunit beta, Lutropin beta chain, Luteinizing hormone subunit beta, LH-B, LSH-B, LSH-beta, LHB

Target/Specificity
This LHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-104 amino acids from the C-terminal region of human LHB.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LHB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LHB Antibody (C-term) - Protein Information

Name LHB

Function Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to

synthesize steroids.

Cellular Location
Secreted.

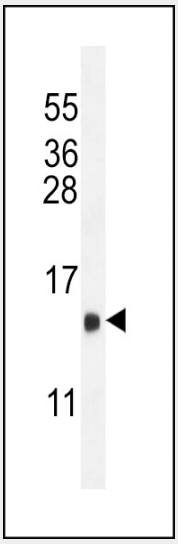
Tissue Location
Pituitary gland.

LHB Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

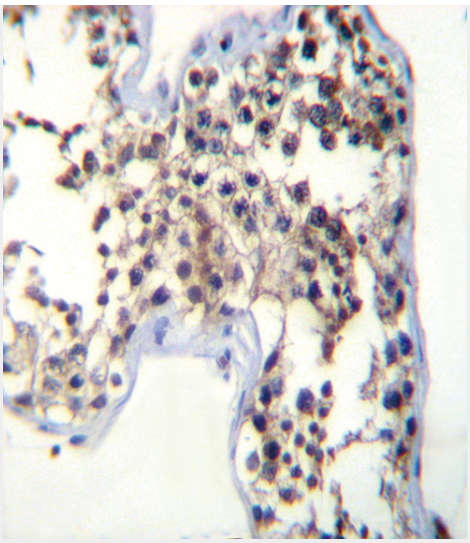
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LHB Antibody (C-term) - Images



LHB Antibody (C-term) (Cat. #AP7982b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LHB antibody detected the LHB protein (arrow).

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LHB Antibody (C-term) (Cat. #AP7982b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LHB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

LHB Antibody (C-term) - Background

LHB is a member of the glycoprotein hormone beta chain family and is 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.

LHB Antibody (C-term) - References

Lofrano-Porto,A., N. Engl. J. Med. 357 (9), 897-904 (2007)
Liu,S., Endocr. J. 52 (6), 781-784 (2005)
Keutmann,H.T., Mol. Endocrinol. 6 (6), 904-913 (1992)