

LHB Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7982b**Specification**

LHB Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P01229](#)**LHB Antibody (C-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP7982b](/products/AP7982b) was selected from the C-term region of human LHB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LHB Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LHB Antibody (C-term) Blocking Peptide - Images

LHB Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)