

Luteinizing Hormone Beta Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50360

Clone# BP6328

Predicted Molecular Wt: 15kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P01229

Background:

Luteinizing Hormone Beta (LH β) is a unique beta subunit of luteinizing hormone (LH), which is a heterodimeric glycoprotein secreted by the anterior pituitary gland. It selectively binds to LH receptors in ovarian and testicular tissues, endowing LH with biological specificity and triggering steroidogenesis.

Luteinizing Hormone Beta is mainly expressed in the pituitary gland. In tumor contexts, Luteinizing Hormone Beta has been detected in the pituitary adenoma.

In the context of pathological and clinical diagnosis, aberrant expression or dysregulated secretion of LH- β is associated with a spectrum of reproductive endocrine disorders, including precocious puberty, hypogonadism, polycystic ovary syndrome (PCOS) and pituitary adenomas.

Subcellular location:

Secreted

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to BioLynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

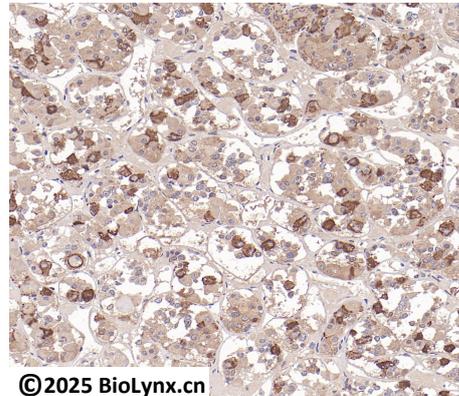
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Qilin, Zhang. et al. (2023) Cell Rep Med. Feb 21;4(2):100934.
2. Asa, SL. et al. (2024) Endocr Pathol. Dec;35(4):349-353.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pituitary gland labelling Luteinizing Hormone Beta with BP6328.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.