

Product datasheet

Anti-Luteinizing Hormone beta antibody [EPR8196] ab150416

Recombinant RabMAb

[2 References](#) [3 Images](#)

Overview

Product name	Anti-Luteinizing Hormone beta antibody [EPR8196]
Description	Rabbit monoclonal [EPR8196] to Luteinizing Hormone beta
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human pituitary lysate; Human pituitary tissue
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR8196

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150416 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 15 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98°C, below boiling, and then let cool for 10-20 min.

Target

Function Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.

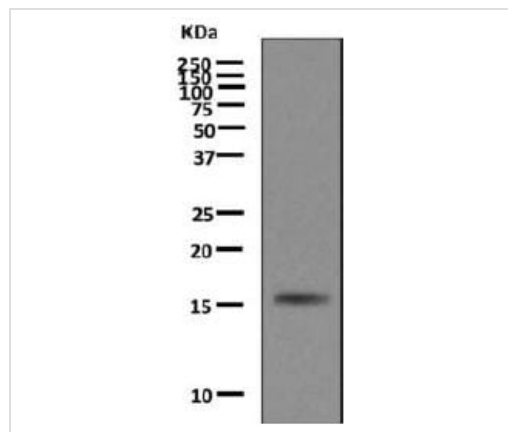
Tissue specificity Pituitary gland.

Involvement in disease Defects in LHB are a cause of hypogonadism LHB-related (HGON-LHB) [MIM:152780]. Hypogonadism is characterized by infertility and pseudohermaphroditism.

Sequence similarities Belongs to the glycoprotein hormones subunit beta family.

Cellular localization Secreted.

Images



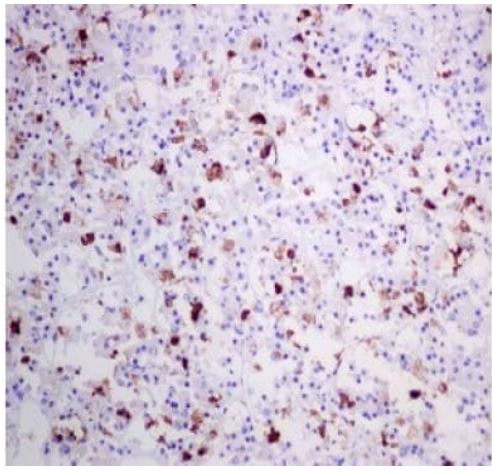
Western blot - Anti-Luteinizing Hormone beta antibody [EPR8196] (ab150416)

Anti-Luteinizing Hormone beta antibody [EPR8196] (ab150416) at 1/1000 dilution + Human pituitary lysate at 10 µg

Secondary

HRP labelled Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 15 kDa



Immunohistochemical analysis of paraffin embedded Human pituitary tissue labelling Luteinizing Hormone beta with ab150416 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Luteinizing Hormone beta antibody [EPR8196] (ab150416)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Luteinizing Hormone beta antibody [EPR8196] (ab150416)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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