

Datasheet: 5720-4009

Description:	RABBIT ANTI HUMAN LUTEINIZING HORMONE BETA SUBUNIT
Specificity:	BETA LUTEINIZING HORMONE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting	▪			1/300 - 1/400

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Piranha, Axolotl

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Ig fraction - lyophilised

Reconstitution

Reconstitute in 50 µl of sterile distilled water. For long term storage the addition of a preservative is recommended.

Preparation

Ig fraction prepared by ammonium sulphate precipitation

Buffer Solution

Ammonium bicarbonate

Preservative Stabilisers	None present
Immunogen	Human beta luteinizing hormone
External Database Links	<p>UniProt: P01229 Related reagents</p> <p>Entrez Gene: 3972 LHB Related reagents</p>
RRID	AB_999313
Specificity	Rabbit anti Human luteinizing hormone beta subunit antibody recognizes the beta subunit of human luteinizing hormone (LH) and cross reacts with the beta subunit of chorionic gonadotropin. Some reactivity has been observed with human TSH, FSH and prolactin.
References	<p>1. Suzuki H & Yamamoto T (2013) Orexin-B-like immunoreactivity localizes in both luteinizing-hormone-containing cells and melanin-concentrating hormone-containing fibers in the red-bellied piranha (<i>Pygocentrus nattereri</i>) pituitary. Cell Tissue Res. 351 (1): 175-82.</p> <p>2. Suzuki, H. & Yamamoto, T. (2014) Leucine-enkephalin-like immunoreactivity is localized in luteinizing hormone-producing cells in the axolotl (<i>Ambystoma mexicanum</i>) pituitary. Tissue Cell. 46 (1): 15-20.</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10122 available at: 10122: https://www.bio-rad-antibodies.com/uploads/MSDS/10122.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (STAR35...)	RPE
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®680 , DyLight®800

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at bio-rad-antibodies.com

'M350785:190314'

Printed on 10 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)