

Datasheet: 5720-5609

Description:	RABBIT ANTI DOG LUTEINIZING HORMONE
Specificity:	LUTEINIZING HORMONE
Other names:	LH
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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/200 - 1/500
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting	▪			1/300 - 1/400
Immunofluorescence			▪	

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 the appropriate negative/positive controls.

Target Species	Dog
Product Form	Ig fraction - lyophilised
Reconstitution	Reconstitute with 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 Purified canine luteinizing hormone

External Database

Links

UniProt:

[Q9XSW8](#) [Related reagents](#)

[P18842](#) [Related reagents](#)

Entrez Gene:

[403483](#) CGA [Related reagents](#)

[403959](#) LHB [Related reagents](#)

RRID AB_906079

Specificity

Rabbit anti Dog luteinizing hormone polyclonal antibody was raised in rabbits against highly purified canine luteinizing hormone. In a simple radioimmune assay with iodinated tracers, the antibody was shown to be specific for canine luteinizing hormone (LH), also known as lutropin and does not react with canine growth hormone (GH), follicle stimulating hormone (FSH), prolactin or thyroid stimulating hormone (TSH).

Luteinizing hormone is one of the four major glycoprotein hormones and consists of non-covalently linked alpha and beta chains.

Rabbit anti dog luteinizing hormone antibody was raised against the intact hormone but does not cross react with the other major glycoprotein hormones which also contain the common the α chain. Rabbit anti dog luteinizing hormone is expected to show principal reactivity with the LH specific β chain and possibly with additional β chain conformational epitopes dependent on the presence of the shared α chain.

Storage

Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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 \(STAR209P\)](#)

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'M350786:190314'

Printed on 09 Feb 2021

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