

Datasheet: 4750-5059

Description:	RABBIT ANTI RAT GROWTH HORMONE
Specificity:	GROWTH HORMONE
Other names:	SOMATOTROPIN
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	▪			1/200 - 1/500
Immunohistology - Paraffin			▪	
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 the appropriate negative/positive controls.

Target Species	Rat
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Ammonium bicarbonate
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Purified rat growth hormone.

External Database Links

UniProt:

[P01244](https://www.uniprot.org/entry/P01244)

[Related reagents](#)

Entrez Gene:[24391](#) Gh1 [Related reagents](#)

Synonyms	Gh
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RRID	AB_2111263
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Specificity	<p>Rabbit anti Rat growth hormone antibody recognizes rat growth hormone (GH) which acts to control body growth and metabolic activity. GH is a small peptide hormone released by the anterior pituitary under the control the hypothalamus.</p> <p>Rabbit anti Rat growth hormone antibody (4750-5059) does not react with rat LH, TSH, FSH or prolactin.</p>
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References	<ol style="list-style-type: none">1. Fiordeliso, T. <i>et al.</i> (2006) Cells of proopiomelanocortin lineage from the rodent anterior pituitary lack sexually dimorphic expression of neurofilaments. Neuroendocrinology. 83:360-70.2. Farris, G.M. <i>et al.</i> (2007) Recombinant rat and mouse growth hormones: risk assessment of carcinogenic potential in 2-year bioassays in rats and mice. Toxicol Sci. 97: 548-61.
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Storage	<p>Store at +4°C or at -20°C if preferred.</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>
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Guarantee	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10126 available at: 10126: https://www.bio-rad-antibodies.com/uploads/MSDS/10126.pdf
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Regulatory	For research purposes only
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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 \(STAR209P\)](#)

From March 15, 2021, we will no longer supply printed datasheets with our products.

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