## Description

RABBIT ANTI RAT GROWTH HORMONE

### Specificity

GROWTH HORMONE

### Other names

SOMATOTROPIN

### Format

Purified

### Product Type

Polyclonal Antibody

### Isotype

Polyclonal IgG

### Quantity

50 µl

## 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.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

<table>
<thead>
<tr>
<th>Target Species</th>
<th>Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Form</td>
<td>Ig fraction - liquid</td>
</tr>
<tr>
<td>Preparation</td>
<td>Ig fraction prepared by ammonium sulphate precipitation</td>
</tr>
<tr>
<td>Buffer Solution</td>
<td>Ammonium bicarbonate</td>
</tr>
<tr>
<td>Preservative Stabilisers</td>
<td>0.09% Sodium Azide (NaN₃)</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Purified rat growth hormone</td>
</tr>
</tbody>
</table>

### External Database Links

**UniProt:**

- P01244

**Entrez Gene:**

- 24391  Gh1

**Synonyms:**

Gh

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td>1/200 - 1/500</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td>1/300 - 1/400</td>
</tr>
</tbody>
</table>

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.
Specificity

4750-5059 is specific for 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.

This antibody does not react with rat LH, TSH, FSH or prolactin.

References


Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
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.

Shelf Life

18 months from date of despatch.

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (2AB02...) Biotin
Sheep Anti Rabbit IgG (STAR34...) FITC
Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...) RPE
Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®549, DyLight®800
Sheep Anti Rabbit IgG (STAR54...) HRP

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