Datasheet: 4750-0104

Description: RABBIT ANTI GROWTH HORMONE
Specificity: GROWTH HORMONE
Other names: GH
Format: Purified
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 50 µl

RRID AB_620458

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.

<table>
<thead>
<tr>
<th>Application</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>1/500 - 1/4000</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>1/50 - 1/500</td>
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<tr>
<td>Western Blotting</td>
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<td>1/10 - 1/100</td>
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</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.

Target Species: Sheep

Species Cross Reactivity: Reacts with: Human, Dog, Rat, Cat

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Purified IgG - liquid

Preparation: Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations: 5.0 mg/ml

Immunogen: Growth hormone from ovine pituitary.
Rabbit anti growth hormone antibody recognizes growth hormone (GH), which acts to control body growth and metabolic activity. Growth hormone is a small peptide hormone released by the anterior pituitary under the control of the hypothalamus.

In western blotting a band of approximately 20 kDa is seen using lysates of human pituitary gland.

**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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**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®549, DyLight®649, DyLight®680, DyLight®800**
- Sheep Anti Rabbit IgG (2AB02...) **Biotin**

**Recommended Useful Reagents**

- **ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)**
- **ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)**
- **TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)**