

**GH (Growth Hormone) Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11063****Specification**

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**GH (Growth Hormone) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P01242</a>
Other Accession	<a href="#">NP_072050</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25000

**GH (Growth Hormone) Antibody - Additional Information****Gene ID 2689**

Application & Usage	Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human Growth Hormone can be used as a positive control. Reactivity to other species has not been determined.
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**Other Names**

GH, GH 1, GH-1, GH 1, GHN, Growth Hormone 1

**Target/Specificity**

GH (Growth Hormone)

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-human Growth Hormone polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions**

**Precautions**

GH (Growth Hormone) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**GH (Growth Hormone) Antibody - Protein Information****Name** GH2**Function**

Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

**Cellular Location**

Secreted.

**Tissue Location**

Expressed in the placenta.

**GH (Growth Hormone) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GH (Growth Hormone) Antibody - Images****GH (Growth Hormone) Antibody - Background**

Growth hormone (GH) is a protein hormone which stimulates growth and cell reproduction in humans and other animals. It is a 191-amino acid, single chain polypeptide hormone which is synthesized, stored, and secreted by the somatotroph cells within the lateral wings of the anterior pituitary gland.