

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

GH (Growth Hormone) Antibody - Product Information

Application	WB
Primary Accession	P01242
Other Accession	NP_072050
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.