

Datasheet for ABIN165406

## anti-Growth Hormone 1 antibody (AA 27-217)



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	Growth Hormone 1 (GH1)
Binding Specificity:	AA 27-217
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Growth Hormone 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

#### Product Details

Immunogen:	Recombinant human growth hormone (27-217aa) purified from E. coli
Clone:	G3H5
Isotype:	IgG2b kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

#### Target Details

Target:	Growth Hormone 1 (GH1)
Alternative Name:	Growth Hormone 1/GH1 ( <a href="#">GH1 Products</a> )
Background:	Human growth hormone (hGH, somatotropin), a protein hormone from the anterior lobe of the pituitary gland, comprises a single polypeptide chain of 191 amino acid residues. The 20 kDa

## Target Details

variant form of human growth hormone (20 kDa hGH) presents in extracts from pituitary glands and it differs from the major form of hGH (22 kDa, 191 amino acid) by the deletion of amino acid residues 32-46. The growth hormone amino acid sequence varies considerably between species, and non-primate growth hormones have little activity in man. Main functions of hGH and 20 kDa hGH are the stimulation of somatic and bone growth, as well as an increase in the size and mass of organs and tissues.

NCBI Accession: [NP\\_000506](#)

Pathways: [NF-kappaB Signaling](#), [JAK-STAT Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Hormone Metabolic Process](#), [Response to Growth Hormone Stimulus](#), [Regulation of Hormone Biosynthetic Process](#)

## Application Details

Application Notes: Recommended dilution 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

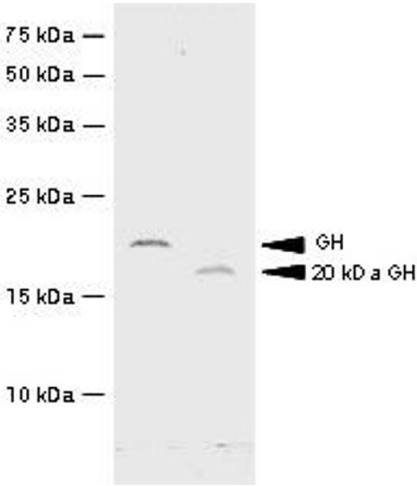
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



Western Blotting

Image 1.