Datasheet for ABIN7429643

# anti-Growth Hormone 1 antibody (AA 28-216)

3 Images

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | Growth Hormone 1 (GH1) |
| Binding Specificity: | AA 28-216 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Growth Hormone 1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

| | |
|---|---|
| Purpose: | Polyclonal Antibody to Growth Hormone (GH) |
| Immunogen: | Recombinant Growth Hormone (GH) corresdonding to Pro28~Phe216 (Accession # P01244) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against GH. It has been selected for its ability to recognize GH in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

## Target Details

| | |
|---|---|
| Target: | Growth Hormone 1 (GH1) |

## Target Details

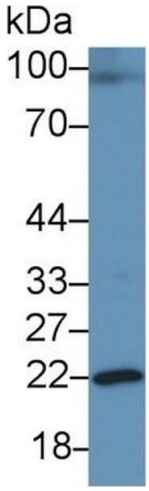
| | |
|---|---|
| Alternative Name: | Growth Hormone (GH1 Products) |
| Background: | GH1, GH-N, GHN, hGH-N, Somatotropin, Hygetropin, Jintropin, Kigtropin, Pituitary Growth Hormone, Growth Hormone, Normal |
| Pathways: | NF-kappaB Signaling, JAK-STAT Signaling, Intracellular Steroid Hormone Receptor 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: | Western blotting: 0.5-2 µg/mL<br>1:400-1700 Immunohistochemistry: 5-20 µg/mL<br>1:40-170 Immunocytochemistry: 5-20 µg/mL<br>1:40-170 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

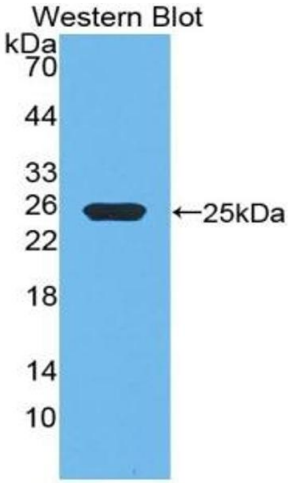
## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



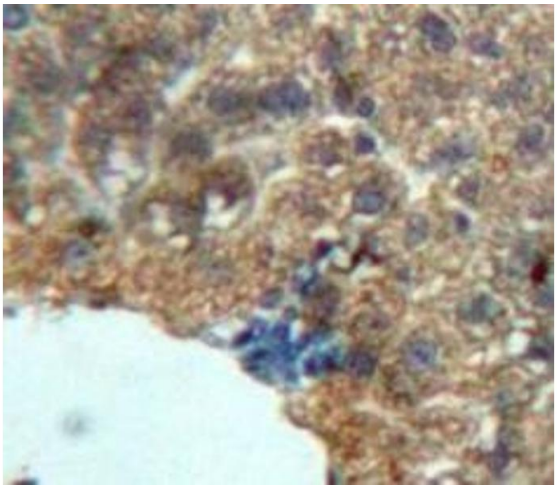

**Western Blotting**

**Image 1.** Detection of GH in Rat Cerebrum lysate using Polyclonal Antibody to Growth Hormone (GH)




**Western Blotting**

**Image 2.** Detection of Recombinant GH, Rat using Polyclonal Antibody to Growth Hormone (GH)



**Immunohistochemistry**

**Image 3.** #VALUE!