

Datasheet for ABIN7429772

## anti-Growth Hormone 1 antibody



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	Growth Hormone 1 (GH1)
Reactivity:	Pig
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:	OVA Conjugated Growth Hormone (GH)
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)
Alternative Name:	Growth Hormone ( <a href="#">GH1 Products</a> )

## Target Details

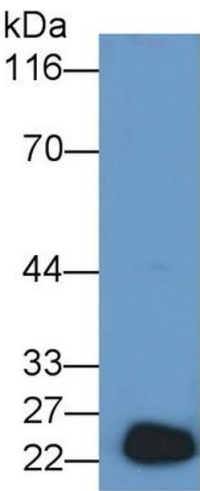
Background:	GH1, GH-N, GHN, hGH-N, Somatotropin, Hygetropin, Jintropin, Kigtropin, Pituitary Growth Hormone, Growth Hormone, Normal
UniProt:	<a href="#">P01248</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">JAK-STAT Signaling</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, 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
Concentration:	0.5 mg/mL
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 Porcine Pituitary lysate using Polyclonal Antibody to Growth Hormone (GH)