

Datasheet for ABIN7074136

anti-Growth Hormone 1 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Growth Hormone 1 (GH1)
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Growth Hormone 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse Growth Hormone
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	Growth Hormone 1 (GH1)
Alternative Name:	Growth Hormone (GH1 Products)
Background:	GH1, also named as GH and GH-N, belongs to the somatotropin/prolactin family. GH1 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. This antibody has no cross reaction to CSH1.

Target Details

Molecular Weight:	25 kDa
Gene ID:	14599
NCBI Accession:	NP_032143
UniProt:	P06880
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:	WB (M,R) 1:2000-1:4000, IHC/IF (R) 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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:	-20 °C



Western Blotting

Image 1. Western blot analysis of GH1 (ABIN7074136) at dilution of 1: 4000

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded rat pituitary gland using, GH1 (ABIN7074136) at dilution of 1: 2000