

Growth Hormone Rabbit pAb

db20376

Package : 20µL 50µL 100µL

Product Name : Growth Hormone Rabbit pAb**Cat.No.:** db20376**Synonyms** : GH; GHN; GH-N; GHB5; IGHD2; hGH-N; IGHD1A; IGHD1B**Application** : WB, IHC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Growth Hormone

Gene ID

2688

Swiss Prot

P01241

Synonyms

GH; GHN; GH-N; GHB5; IGHD2; hGH-N; IGHD1A; IGHD1B

Reactivity

Human

Application

WB, IHC, IP

Recommended dilution

WB: 1:1000

IHC: 1:50

IP: 1:20

Calculated MW

25 kDa

Observed MW

22 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.