

## Somatotropin rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A21746	Rabbit	1 mg/ml	24847

<b>Applications</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Dilution</b>	IHC: 1:100 - 1:300. ELISA: 1:20000. Not yet tested in other applications.
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	Somatotropin Polyclonal Antibody detects endogenous levels of Somatotropin protein.
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human Somatotropin.
<b>Uniprot No</b>	P01241
<b>Alternative names</b>	GH1; Somatotropin; Growth hormone; GH; GH-N; Growth hormone 1; Pituitary growth hormone
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	<p>growth hormone 1(GH1) Homo sapiens 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],</p>
<b>Other</b>	GH1, Somatotropin

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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