Rabbit anti-Human GH / Growth Hormone Polyclonal Antibody | anti-GH1 antibody

Rabbit Polyclonal to Human GH / Growth Hormone

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51087	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

GH / Growth Hormone; Polyclonal Antibody; Rabbit Polyclonal to Human GH / Growth Hormone; Anti-GH / Growth Hormone Antibody IHC-plus; Growth hormone; GHN; IGHD1B; GH-N; Pituitary growth hormone; Growth hormone 1; HGH-N; Somatotropin; Human GH; Growth Hormone; anti-GH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human GH1. Predicted cross-reactivity based on amino acid sequence homology: monkey (81%). Immunogen shares only 60% identity to mouse.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.1 M Tris-glycine, pH 7, 10% Glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	217
Applicable Applications for anti-GH1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 217 of Human Growth hormone.
Immunogen Type	Recombinant protein
Immunogen	GH / Growth Hormone antibody was raised against recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 217 of Human Growth hormone.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES

WB (Western Blot)
Sample(30 ug whole cell lysate). A:293T. 12% SDS PAGE. GH1 antibody diluted at 1:1000

IHC (Immunohistochemistry)
Anti-Growth Hormone antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GH1 antibody	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.
Product Categories/Family for anti-GH1 antibody	Family: Somatotropin

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027812
NCBI GeneID	2688
NCBI Accession #	NP_000506.2
NCBI GenBank Nucleotide #	NM_000515.4
UniProt Accession #	P01241; Q14405; Q16631; Q5EB53; Q9HBZ1; Q9UMJ7; Q9UNL5; A6NEF6
Molecular Weight	20,201 Da
NCBI Official Full Name	somatotropin isoform 1
NCBI Official Synonym Full Names	growth hormone 1
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH; GHN; GH-N; hGH-N; IGHD1B
NCBI Protein Information	somatotropin; pituitary growth hormone
UniProt Protein Name	Somatotropin
UniProt Gene Name	**GH1**
UniProt Synonym Gene Names	GH; GH-N
UniProt Entry Name	SOMA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gh-growth-hormone-antibody-western-blot-immunohistochemistry-elisa/51087