

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

Anti-human Growth Hormone antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45456	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

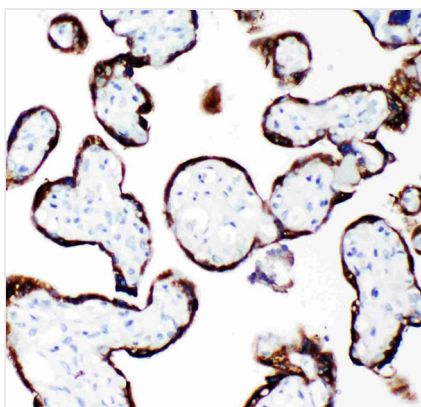
PRODUCT SYNONYMS

Growth Hormone; Polyclonal Antibody; Anti-human Growth Hormone antibody; Somatotropin; growth hormone 1; gH antibody; GH-N antibody; GH1 antibody; Growth hormone 1 antibody; Growth hormone antibody; hGH-N antibody; IGHD1B antibody; Pituitary growth hormone antibody; Somatotropin antibody; anti-GH1 antibody

PRODUCT SPECIFICATIONS

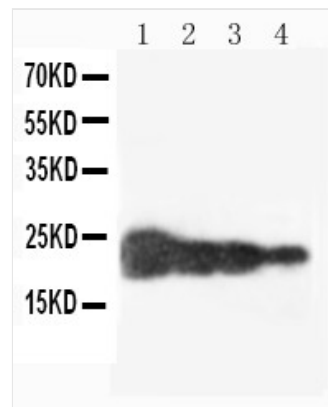
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	217
Applicable Applications for anti-GH1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human GH recombinant protein (Position: F27-F217).
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-human Growth Hormone antibody, AAA45456, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti-human Growth Hormone antibody, AAA45456, Western blotting
Lane 1: Recombinant Human GH Protein 10ng
Lane 2: Recombinant Human GH Protein 5ng
Lane 3: Recombinant Human GH Protein 2

ADDITIONAL INFORMATION

Related Product Information for anti-GH1 antibody	Description: Rabbit IgG polyclonal antibody for Somatotropin(GH1) detection. Tested with WB, IHC-P, ELISA in Human. Background: Growth Hormone(GH) is mapped to 17q22-q24. Growth hormone(GH) is synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. Human growth hormone has a molecular mass of 22,005 and contains 191 amino acid residues with 2 disulfide bridges. It binds two receptor molecules and thereby induces signal transduction through receptor dimerization. At high concentrations, GH acts as an antagonist because of a large difference in affinities at the respective binding sites.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134703
NCBI GeneID	2688
UniProt Accession #	P01241; Q14405; Q16631; Q5EB53; Q9HBZ1; Q9UMJ7; Q9UNL5; A6NEF6
Molecular Weight	20,201 Da
NCBI Official Full Name	Somatotropin
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/growth-hormone-antibody-immunohistochemistry-western-blot-elisa/45456>