

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

Anti-mouse Growth Hormone antibody

CATALOG # AAA45442	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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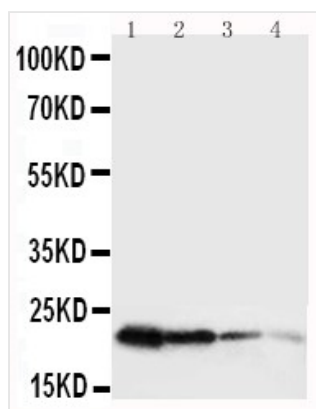
PRODUCT SYNONYMS

Growth Hormone; Polyclonal Antibody; Anti-mouse 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	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Each vial contains 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	216
Applicable Applications for anti-GH1 antibody	WB (Western Blot)
Immunogen	E Coli-derived mouse GH1 recombinant protein (Position: F27-F216).
Reconstitution	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



WB (Western Blot)

Anti-mouse Growth Hormone antibody, AAA45442, Western blotting
Lane 1: Recombinant Mouse GH Protein 10ng
Lane 2: Recombinant Mouse GH Protein 5ng
Lane 3: Recombinant Mouse GH Protein 2

ADDITIONAL INFORMATION

Related Product Information for anti-GH1 antibody	Growth Hormone(GH) is mapped to 17q22-q24. Growth hormone(GH) is synthesized by acidophilic or somatotropic 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 #	134708
NCBI GeneID	14599
UniProt Accession #	P06880; Q544X1
NCBI Official Full Name	Somatotropin
NCBI Official Synonym Full Names	growth hormone
NCBI Official Symbol	Gh
NCBI Official Synonym Symbols	Gh1
NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	Gh1
UniProt Synonym Gene Names	Gh
UniProt Entry Name	SOMA_MOUSE

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-western-blot-elisa/45442>