

Anti-Growth Hormone/GH1 Antibody Picoband®

Catalog Number: RP1024

About Gh1

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.

Overview

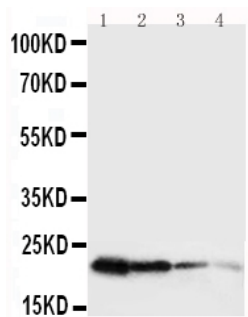
Product Name	Anti-Growth Hormone/GH1 Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-Growth Hormone/GH1 Antibody catalog # RP1024. Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3. Carrier free (No BSA) form available in stock. If you want this antibody carrier free please specify "Carrier Free" or "No BSA" in your order note.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P06880

Technical Details

Immunogen	E. coli-derived mouse GH recombinant protein (Position: F27-F216).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Mouse

Anti-Growth Hormone/GH1 Antibody Picoband® (RP1024) Images



Anti-mouse Growth Hormone antibody, RP1024, Western blotting

Lane 1: Recombinant Mouse GH Protein 10ng

Lane 2: Recombinant Mouse GH Protein 5ng

Lane 3: Recombinant Mouse GH Protein 2

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