

GHR

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 69kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human GHR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GHR; GHBP; Growth hormone-binding protein ; Serum-binding protein;

Catalog #: A2956

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2690

Isotype: IgG

Swiss Prot: P10912

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the type I cytokine receptor family, which is a transmembrane receptor for growth hormone. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. Mutations in this gene have been associated with Laron syndrome, also known as the growth hormone insensitivity syndrome (GHIS), a disorder characterized by short stature. In humans and rabbits, but not rodents, growth hormone binding protein (GHBP) is generated by proteolytic cleavage of the extracellular ligand-binding domain from the mature growth hormone receptor protein. Multiple alternatively spliced transcript variants have been found for this gene.

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