



## Anti-GHR (aa 19-118) polyclonal antibody (DPAB-DC1329)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 (GGBP) 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.[provided by RefSeq, Jun 2011]
<b>Immunogen</b>	GHR (NP_000154, 19 a.a. ~ 118 a.a) partial recombinant protein with GST tag. The sequence is  FSGSEATAAILSRAPWSLQSVNPGLKTNSSKEPKFTKCRSPERETFSCHWTDEVHHGTKN LGPIQLFYTRRNTQEWTQEWTKECPDYVSAGENSCYFNSSF
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">GHR growth hormone receptor [ Homo sapiens (human) ]</a>
Official Symbol	GHR
Synonyms	GHR; growth hormone receptor; GHBP; GH receptor; serum binding protein; somatotropin receptor; growth hormone binding protein;
Entrez Gene ID	<a href="#">2690</a>
Protein Refseq	<a href="#">NP_000154</a>
UniProt ID	<a href="#">P10912</a>
Chromosome Location	5p13-p12
Pathway	Cytokine Signaling in Immune system; Endochondral Ossification; Immune System; Neuroactive ligand-receptor interaction
Function	SH2 domain binding; growth factor binding; growth hormone receptor activity; peptide hormone binding