Recombinant Growth Hormone Receptor/GHR/GHBP Monoclonal Antibody

catalog number: **AN300463P**

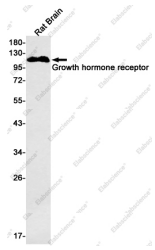
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse Growth Hormone Receptor/GHR/GHBP protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C170199
Purification	Affinity Purification
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:1000-1:15000
ICC/IF	1:100-1:200
FC	1:200-1:500

Data



Western blot detection of Growth hormone receptor in Rat Brain lysates using Growth hormone receptor antibody(1:500 diluted).

Observed-MW:120 kDa

Calculated-MW:72 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.[provided by RefSeq, Jun 2011]

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