

Anti-Growth hormone receptor Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Chicken,Dog,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 68 kDa. Actual: 110 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: U2os (Human) Cell Lysate at 30 µg Lane 2: HepG2 (Human) Cell Lysate at 30 µg Lane 3: MCF-7 (Human) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-Growth hormone receptor (TMAB-06794) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110/130 kD Observed band size: 110 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GHR
Antigen Species:	Human
Gene ID:	2690
Uniprot ID:	P10912

Research 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].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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