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Anti-Growth hormone receptor Rabbit Monoclonal Antibody

Catalog # ABO15181

Product Information

Application	WB, IF, ICC, FC
Primary Accession	P10912
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Growth hormone receptor Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

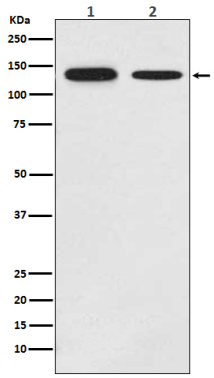
Gene ID	2690
Other Names	Growth hormone receptor, GH receptor, Somatotropin receptor, Growth hormone-binding protein, GH-binding protein, GHBP, Serum-binding protein, GHR
Calculated MW	71500
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17G57
Immunogen	A synthesized peptide derived from human Growth hormone receptor
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	GHR

Function	Receptor for pituitary gland growth hormone (GH1) involved in regulating postnatal body growth (PubMed:1549776, PubMed:2825030, PubMed:8943276). On ligand binding, couples to the JAK2/STAT5 pathway (PubMed:1549776, PubMed:15690087, PubMed:2825030, PubMed:8943276).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Note=On growth hormone binding, GHR is ubiquitinated, internalized, down-regulated and transported into a degradative or non-degradative pathway {ECO:0000250|UniProtKB:P19941} [Growth hormone-binding protein]: Secreted. Note=Complexed to a substantial fraction of circulating GH.
Tissue Location	Expressed in various tissues with high expression in liver and skeletal muscle. [Isoform 4]: Predominantly expressed in kidney, bladder, adrenal gland and brain stem (PubMed:1569971). Highly expressed in placental villi (PubMed:1569971, PubMed:8360189)

Images



Western blot analysis of Growth hormone receptor expression in (1) MCF-7 cell lysate; (2) Mouse brain lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.