

GHR Polyclonal Antibody
Catalog # AP73756**Specification**

GHR Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P10912
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GHR Polyclonal Antibody - Additional Information**Gene ID** 2690**Other Names**

GHR; Growth hormone receptor; GH receptor; Somatotropin receptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GHR Polyclonal Antibody - 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.

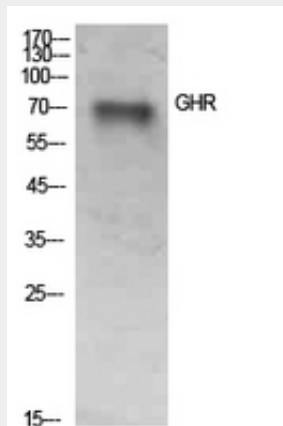
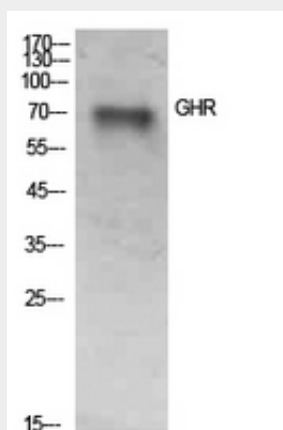
Tissue Location

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)

GHR Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GHR Polyclonal Antibody - Images**GHR Polyclonal Antibody - Background**

Receptor for pituitary gland growth hormone involved in regulating postnatal body growth. On

ligand binding, couples to the JAK2/STAT5 pathway (By similarity). Isoform 2 up-regulates the production of GHBP and acts as a negative inhibitor of GH signaling.