

Growth hormone receptor Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57986

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	P16882
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72783

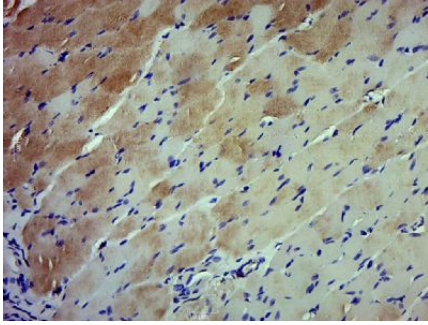
Additional Information

Gene ID	14600
Other Names	Growth hormone receptor, GH receptor, Somatotropin receptor, Growth hormone-binding protein, GH-binding protein, GHBP, Serum-binding protein, Ghr
Dilution	WB=1:500-2000, Elisa=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ICC=1:100-500,
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Ghr
Function	Receptor for pituitary gland growth hormone (GH1) involved in regulating postnatal body growth. On ligand binding, couples to the JAK2/STAT5 pathway.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P10912}; 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}
Tissue Location	Expressed in all tissues tested including, liver, heart, adipose tissue, mammary gland, testes, ovary, brain, kidney and muscle. Highest levels in liver.

Images



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GHR) Polyclonal Antibody, Unconjugated (AP57986) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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