

GH1 Polyclonal antibody

Catalog Number: 27079-1-AP

Basic Information

Catalog Number: 27079-1-AP	GenBank Accession Number: BC075012	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2688	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: GH1	
Isotype: IgG	Calculated MW: 217 aa, 25 kDa	
Immunogen Catalog Number: AG22841	Observed MW: 22 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB : human placenta tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human pituitary adenoma tissue, human placenta tissue

Background Information

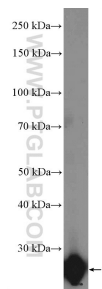
GH1, also named as GH or GH-N, belongs to the somatotropin/prolactin family. GH1 plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Storage

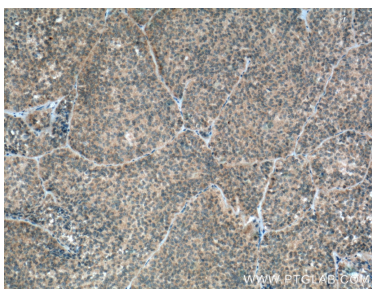
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

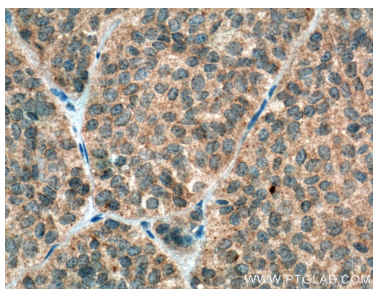
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 27079-1-AP (GH1 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 27079-1-AP (GH1 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 27079-1-AP (GH1 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).