

For Research Use Only

GH2 Polyclonal antibody

Catalog Number:55240-1-AP



Basic Information

Catalog Number: 55240-1-AP	GenBank Accession Number: NM_002059	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 120 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2689	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P01242	
Isotype: IgG	Full Name: GH2	
	Calculated MW: 29 kDa	
	Observed MW: 23-25 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human placenta tissue,

IHC : human placenta tissue, human pituitary adenoma tissue

Background Information

GH2, also named as GH-V, belongs to the somatotropin/prolactin family. It 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. This antibody is specific to GH2.

Storage

Storage:
Store at -20°C.
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**

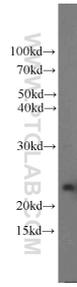
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

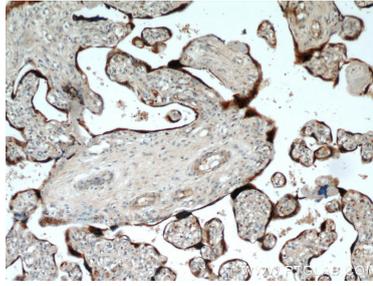
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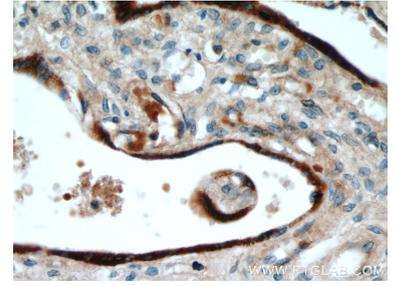
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 55240-1-AP (GH2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta using 55240-1-AP (GH2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 55240-1-AP (GH2 antibody) at dilution of 1:50 (under 40x lens).