

For Research Use Only

GH1 Recombinant antibody

Catalog Number: 82813-2-RR



Basic Information

| | | |
|--------------------------------------|--|---|
| Catalog Number: 82813-2-RR | GenBank Accession Number: BC075012 | Purification Method: Protein A purification |
| Size: 400 µg/ml | GeneID (NCBI): 2688 | CloneNo.: 4G8 |
| Source: Rabbit | UNIPROT ID: P01241 | Recommended Dilutions: WB 1:1000-1:8000 IHC 1:500-1:2000 |
| Isotype: IgG | Full Name: GH1 | |
| | Calculated MW: 217 aa, 25 kDa | |
| | Observed MW: 22 kDa | |

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human

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 saliva,

IHC : human placenta tissue,

Background Information

GH1, also named as GH and 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

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

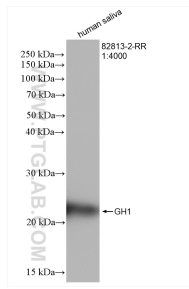
T: 4006900926

E: Proteintech-CN@ptglab.com

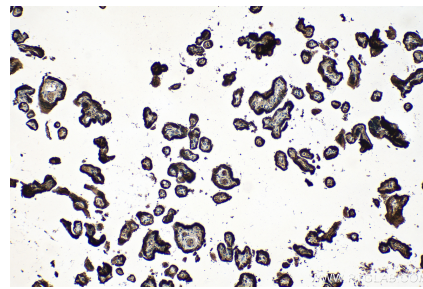
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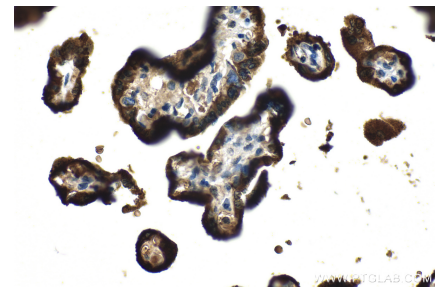
Selected Validation Data



Human placenta tissue was subjected to SDS PAGE followed by western blot with 82813-2-RR (GH1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 82813-2-RR (GH1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 82813-2-RR (GH1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).