

GH1 Rabbit Polyclonal Antibody

Catalog No: #55279

Package Size: #55279-1 50ul #55279-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

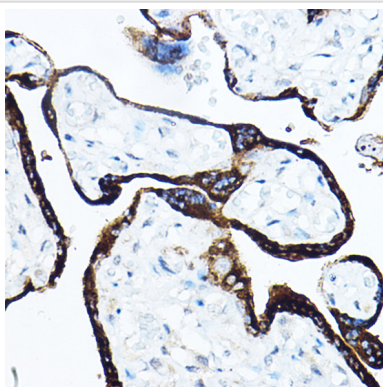
Description

Product Name	GH1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human GH1 (NP_072053.1).
Conjugates	Unconjugated
Other Names	GH1;GH;GH-N;GHB5;GHN;IGHD1B;hGH-N
Accession No.	Uniprot:P01241GenelD:2688
Calculated MW	19kDa/20kDa/22kDa/24kDa
SDS-PAGE MW	Refer to figures
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

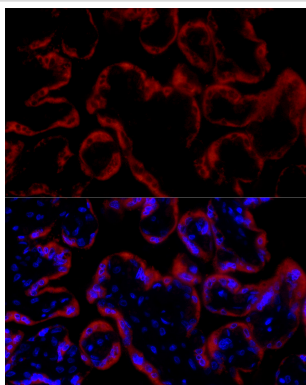
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

Images



Immunohistochemistry of paraffin-embedded human placenta using GH1 Rabbit pAb.



Immunofluorescence analysis of human placenta cells using GH1 Rabbit pAb.

Background

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.