

For Research Use Only

hCG Beta Polyclonal antibody

Catalog Number: 11615-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

11615-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2191

GenBank Accession Number:

BC022796

GeneID (NCBI):

1082

UNIPROT ID:

PODN86

Full Name:

CG beta

Calculated MW:

165 aa, 18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

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:

IHC : human placenta tissue, human breast cancer tissue

Background Information

CGB is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of CG. Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.

Notable Publications

Author	Pubmed ID	Journal	Application
Fangfang Wang	32949999	EBioMedicine	IF
Mengdi Li	28983820	Biol Trace Elem Res	WB
Zhuo-Hang Li	35536241	Mol Hum Reprod	WB,IF

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:

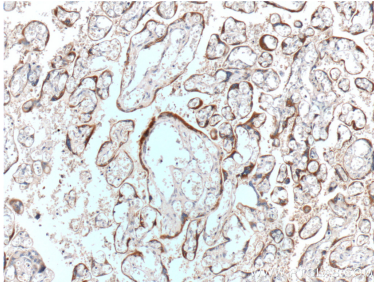
T: 4006900926

E: Proteintech-CN@ptglab.com

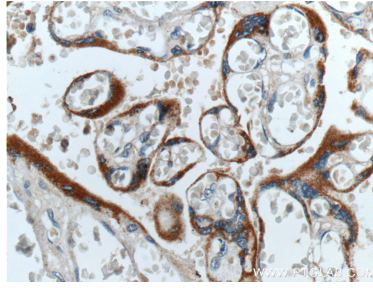
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 11615-1-AP (hCG beta antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 11615-1-AP (hCG beta antibody at dilution of 1:200 (under 40x lens).