

For Research Use Only

PSG3 Polyclonal antibody

Catalog Number: 15375-1-AP



Basic Information

Catalog Number:

15375-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1148

GenBank Accession Number:

BC005924

GeneID (NCBI):

5671

UNIPROT ID:

Q16557

Full Name:

pregnancy specific beta-1-glycoprotein 3

Calculated MW:

48 kDa

Observed MW:

48 kDa, 64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:2000-1:16000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : human placenta tissue,

IHC : 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

Background Information

The human pregnancy-specific glycoproteins (PSGs) are a group of molecules that are mainly produced by the placental syncytiotrophoblasts during pregnancy (PMID: 1644821). The calculated molecular weight of PSG3 is 48 kDa. The 64 kDa band is its glycosylated protein form (PMID: 7851896).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

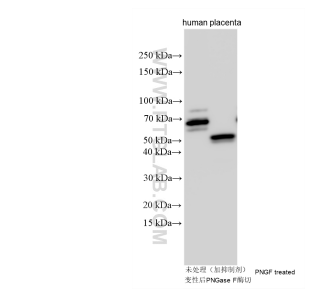
T: 4006900926

E: Proteintech-CN@ptglab.com

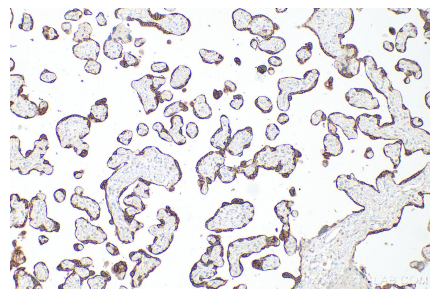
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15375-1-AP (PSG3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 15375-1-AP (PSG3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).