

For Research Use Only

Pregnancy Zone Protein Polyclonal antibody, PBS Only

Catalog Number: 21742-1-PBS



Basic Information

Catalog Number:

21742-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16471

GenBank Accession Number:

BC111756

GeneID (NCBI):

5858

UNIPROT ID:

P20742

Full Name:

pregnancy-zone protein

Calculated MW:

1482 aa, 164 kDa

Observed MW:

180 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Pregnancy Zone Protein (PZP) is an immunosuppressive protein that is expressed by the placenta. The PZP is a thiol ester-containing alpha macroglobulin protein that controls the proteolytic pathways during pregnancy and contributes to maintaining the immunologically privileged status of the fetus. Recently PZP over-expression has been described as a novel biomarker for predicting the prognosis of hepatocellular carcinoma and its high expression has been reported in solid tumors.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

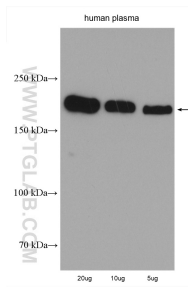
T: 4006900926

E: Proteintech-CN@ptglab.com

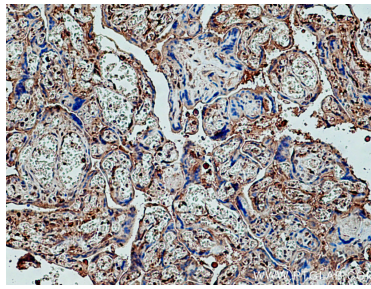
W: ptgcn.com

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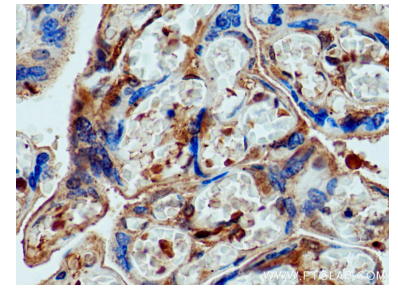
Selected Validation Data



Human plasma were subjected to SDS PAGE followed by western blot with 21742-1-AP (pregnancy zone protein antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21742-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21742-1-AP (pregnancy zone protein antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21742-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21742-1-AP (pregnancy zone protein antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21742-1-PBS in a different storage buffer formulation.