

PAEP/Glycodelin Polyclonal antibody

Catalog Number: 18187-1-AP

1 Publications

Basic Information

Catalog Number: 18187-1-AP	GenBank Accession Number: BC069562	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5047	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: progesterone-associated endometrial protein	
Isotype: IgG	Calculated MW: 180 aa, 21 kDa	
Immunogen Catalog Number: AG12902	Observed MW: 24-28 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC	WB : human placenta tissue,
Species Specificity: human	IHC : human endometrial cancer tissue,
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

Background Information

Glycodelin (also known as Progesterone Associated Endometrial Protein, PAEP, and Placental Protein 14, PP14) is a secreted human lipocalin-family protein mainly expressed in well-differentiated epithelial cells in human reproductive tissues, like endometrium and seminal vesicles. While different cells produce differentially glycosylated isoforms of Glycodelin: decidualized endometrium-derived glycodelin-A (GdA), seminal vesicle-derived glycodelin-S (GdS), glycodelin-F (isolated from follicular fluid), and glycodelin-C (isolated from cumulus cells). Glycodelin has been involved in cell differentiation and tumor growth.

Notable Publications

Author	Pubmed ID	Journal	Application
Qian Hao	34459128	Clin Transl Med	IHC

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

*** 20ul sizes contain 0.1% BSA

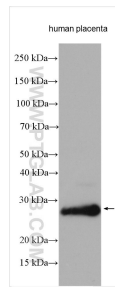
For technical support and original validation data for this product please contact:

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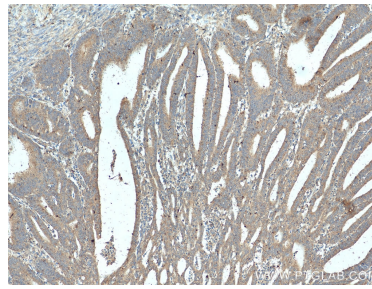
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Selected Validation Data



Human placenta lysates were subjected to SDS PAGE followed by western blot with 18187-1-AP (PAEP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 18187-1-AP (PAEP/Glycodelin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).