

For Research Use Only

# PSG1 Polyclonal antibody

Catalog Number: 11809-1-AP

1 Publications



## Basic Information

### Catalog Number:

11809-1-AP

### Size:

150ul, Concentration: 180 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2468

### GenBank Accession Number:

BC022338

### GeneID (NCBI):

5669

### UNIPROT ID:

P11464

### Full Name:

pregnancy specific beta-1-glycoprotein 1

### Calculated MW:

426 aa, 48 kDa

### Observed MW:

72 kDa, 36 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

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:

WB : human kidney tissue, MCF-7 cells

IHC : human placenta tissue,

IF/ICC : MCF-7 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Jay M Bolnick	24825422	Fertil Steril	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

\*\*\* 20ul sizes contain 0.1% BSA

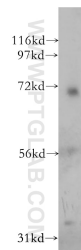
For technical support and original validation data for this product please contact:

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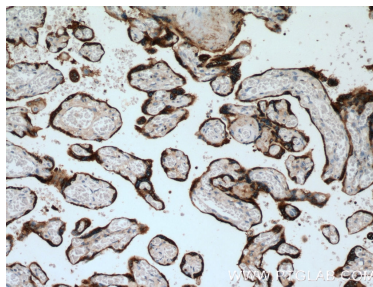
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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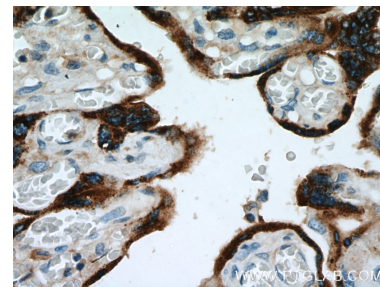
## Selected Validation Data



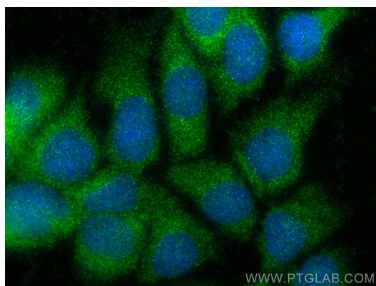
human kidney tissue were subjected to SDS PAGE followed by western blot with 11809-1-AP (PSG1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 11809-1-AP (PSG1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 11809-1-AP (PSG1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using PSG1 antibody (11809-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).