

For Research Use Only

# PTGIS Polyclonal antibody

Catalog Number: 27061-1-AP



## Basic Information

<b>Catalog Number:</b> 27061-1-AP	<b>GenBank Accession Number:</b> BC101809	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 5740	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q16647	
<b>Isotype:</b> IgG	<b>Full Name:</b> prostaglandin I2 (prostacyclin) synthase	
<b>Immunogen Catalog Number:</b> AG25817	<b>Calculated MW:</b> 500 aa, 57 kDa	
	<b>Observed MW:</b> 50-57 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, mouse

**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:** mouse lung tissue, mouse testis tissue, rat lung tissue

**IHC:** mouse liver tissue,

**IF/ICC:** Saos-2 cells,

## Background Information

### 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:

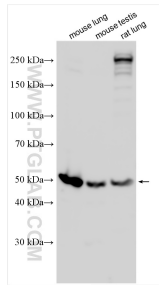
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

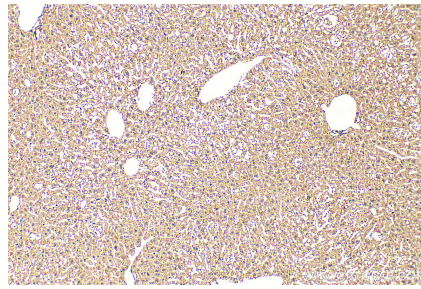
W: [ptgcn.com](http://ptgcn.com)

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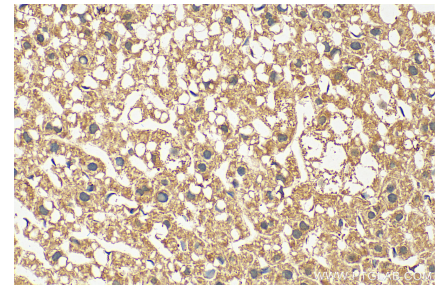
## Selected Validation Data



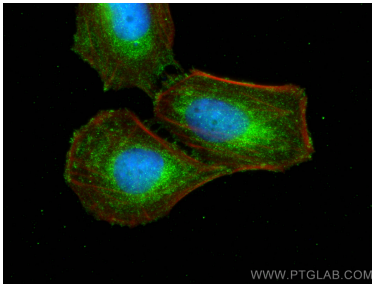
Various lysates were subjected to SDS PAGE followed by western blot with 27061-1-AP (PTGIS antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 27061-1-AP (PTGIS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with .



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 27061-1-AP (PTGIS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with .



Immunofluorescent analysis of (4% PFA) fixed Saos-2 cells using PTGIS antibody (27061-1-AP) at dilution of 1:400 and CoralLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).