

For Research Use Only

PTGIS Polyclonal antibody

Catalog Number: 27061-1-AP



Basic Information

Catalog Number:

27061-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25817

GenBank Accession Number:

BC101809

GeneID (NCBI):

5740

UNIPROT ID:

Q16647

Full Name:

prostaglandin I2 (prostacyclin) synthase

Calculated MW:

500 aa, 57 kDa

Observed MW:

50-57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

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, rat testis tissue

IHC: mouse liver tissue,

IF/ICC: Saos-2 cells,

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:

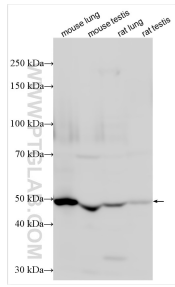
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

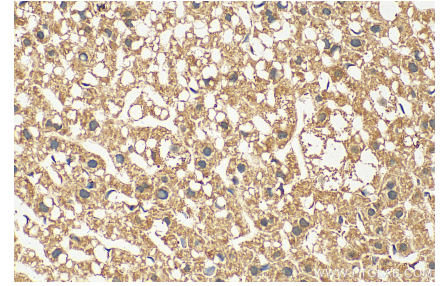
Selected Validation Data



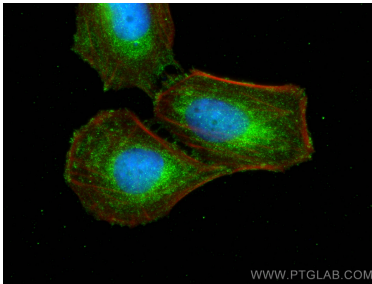
Various lysates were subjected to SDS PAGE followed by western blot with 27061-1-AP (PTGIS antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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 CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).