

For Research Use Only

PCGF6 Polyclonal antibody, PBS Only

Catalog Number: 24103-1-PBS

Featured Product



Basic Information

Catalog Number:

24103-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21124

GenBank Accession Number:

BC010235

GeneID (NCBI):

84108

UNIPROT ID:

Q9BYE7

Full Name:

polycomb group ring finger 6

Calculated MW:

352 aa, 39 kDa

Observed MW:

40-50 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, IHC, FC (Intra), IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PCGF6, also named as MBLR or RNF134, is a 350 amino acid protein, which contains one RING-type zinc finger. PCGF6 localizes in the nucleus and is widely expressed in many tissues. PCGF6 as a transcriptional repressor may modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase.

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, pH7.3

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

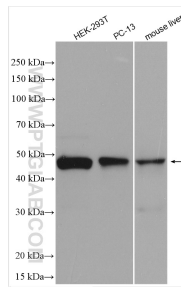
T: 4006900926

E: Proteintech-CN@ptglab.com

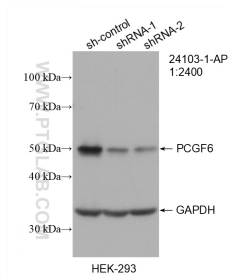
W: ptgcn.com

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

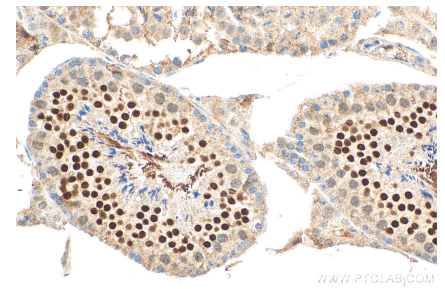
Selected Validation Data



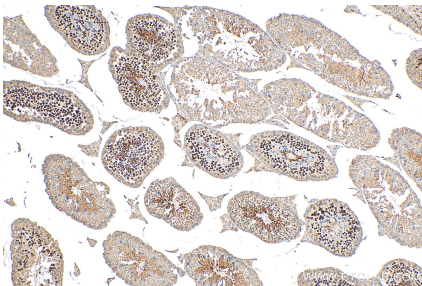
Various lysates were subjected to SDS PAGE followed by western blot with 24103-1-AP (PCGF6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



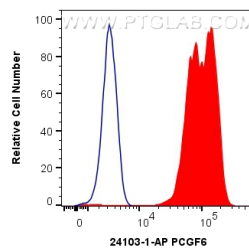
WB result of PCGF6 antibody (24103-1-AP; 1:2400; incubated at room temperature for 1.5 hours) with sh-Control and sh-PCGF6 transfected HEK-293 cells. This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



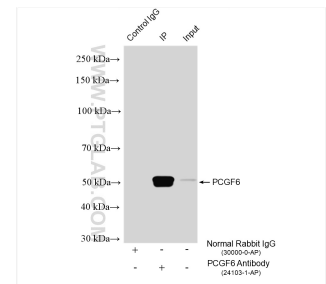
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24103-1-AP (PCGF6 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24103-1-AP (PCGF6 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



1×10^6 HEK-293T cells were intracellularly stained with 0.4 ug Anti-Human PCGF6 (24103-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



IP result of anti-PCGF6 (IP:24103-1-AP, 4ug; Detection:24103-1-AP 1:1500) with HEK-293T cells lysate 2200 ug. This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.