

For Research Use Only

# PCGF6 Polyclonal antibody, PBS Only

Catalog Number: 24103-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

24103-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

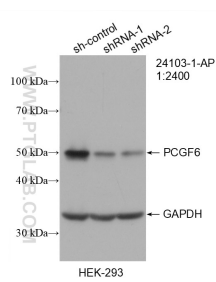
For technical support and original validation data for this product please contact:

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

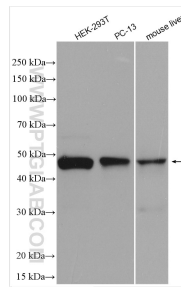
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

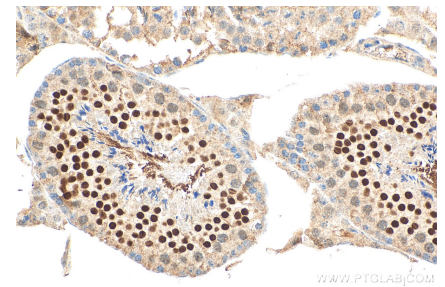
## Selected Validation Data



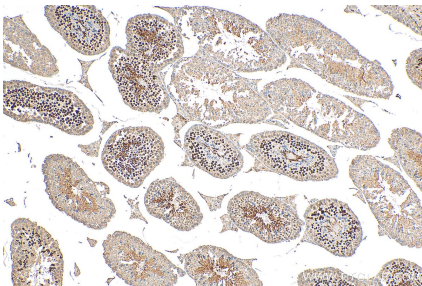
WB result of PCGF6 antibody (24103-1-AP; 1:2400; incubated at room temperature for 1.5 hours) with sh-Control and sh-PCGF6 transfected HEK-293 cells. This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



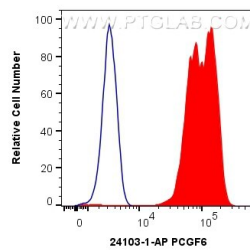
Various lysates were subjected to SDS PAGE followed by western blot with 24103-1-AP (PCGF6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24103-1-PBS in a different storage buffer formulation.



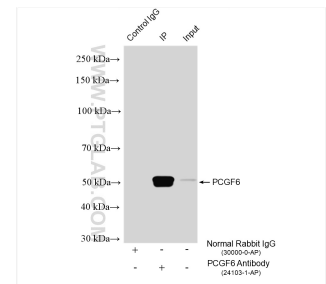
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24103-1-AP (PCGF6 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24103-1-PBS in a different storage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



$1 \times 10^6$  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.