

# PCIF1 Rabbit mAb

Catalog NO.: A24070 **KO Validated** **Recombinant**

## Basic Information

### Observed MW

81kDa

### Calculated MW

81kDa

### Category

Monoclonal Antibodies

### Applications

WB, IHC-P, IP, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

### Clone number

ARC64786

## Background

Enables RNA polymerase II C-terminal domain phosphoserine binding activity; S-adenosyl-L-methionine binding activity; and mRNA (2'-O-methyladenosine-N6-)-methyltransferase activity. Involved in mRNA methylation; negative regulation of translation; and positive regulation of translation. Located in intercellular bridge; microtubule cytoskeleton; and nucleoplasm.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

### IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Contact

## Immunogen Information

### Gene ID

63935

### Swiss Prot

Q9H4Z3

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

CAPAM; hCAPAM; hPCIF1; C20orf67; PPP1R121; F1

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

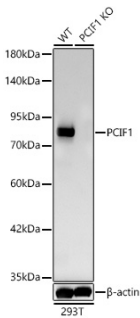
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

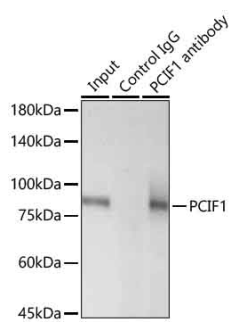
**Validation Data**



Western blot analysis of various lysates using [KO Validated] PCIF1 Rabbit mAb (A24070) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.



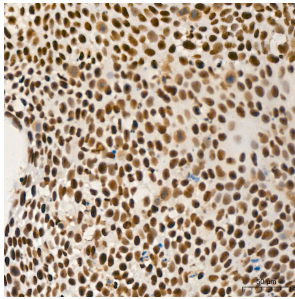
Western blot analysis of lysates from wild type (WT) and PCIF1 knockout (KO) 293T cells (RM01804) using [KO Validated] PCIF1 Rabbit mAb (A24070) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.



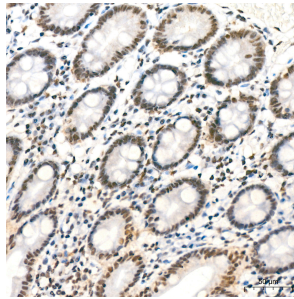
Immunoprecipitation of PCIF1 from 200 µg extracts of NIH/3T3 cells was performed using 0.5 µg of [KO Validated] PCIF1 Rabbit mAb (A24070). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:1000.

## Validation Data

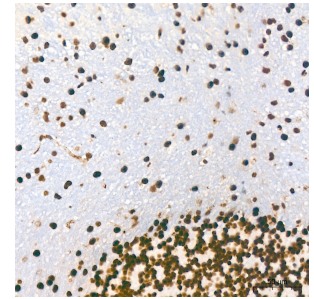
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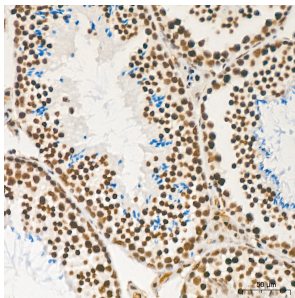
Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



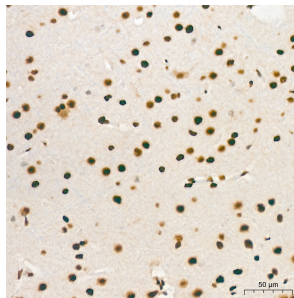
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



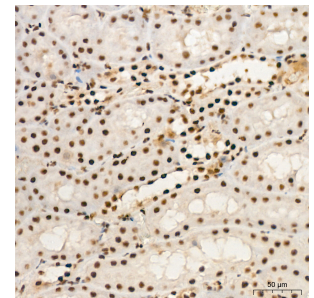
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using [KO Validated] PCIF1 Rabbit mAb (A24070) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.





