PCM1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_006188.2

Catalog No. A301-149A GeneID 5108

Lot No. A301-149A-2

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

 AMOUNT
 100 μl

 CONCENTRATION
 200 μg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PCM1 immobilized on solid support.

The epitope recognized by A301-149A maps to a region between residue 1925 and 1975 of human pericentriolar material 1 using the numbering given in entry NP_006188.2 (GeneID 5108).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm

of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 - 1:10,000 Immunoprecipitation 2 - 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A301-149A

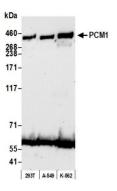
Use the link above to view SDS, a current list of citations, and other product specific information.

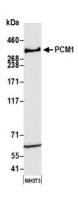
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 24, 2019



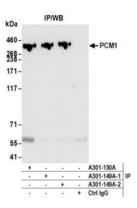
PCM1 Antibody A301-149A





Detection of human PCM1 by western blot. Samples: Whole cell lysate (50 μg) from HEK293T, A-549, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PCM1 antibody A301-149A (lot A301-149A-2) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

Detection of mouse PCM1 by western blot. Samples: Whole cell lysate (50 μ g) from NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PCM1 antibody A301–149A (lot A301–149A–2) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human PCM1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PCM1 antibody A301–149A (lot A301–149A–2) used for IP at 6 μg per reaction. PCM1 was also immunoprecipitated by a previous lot of this antibody (lot A301–149A–1) and rabbit anti-PCM1 antibody A301–150A. For blotting immunoprecipitated PCM1, A301–149A was used at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.