CAPRIN1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005889.3

Catalog No. A303-881A GeneID 4076

Lot No. A303-881A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 μl

CONCENTRATION 1000 μg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to CAPRIN1 immobilized on solid support.

The epitope recognized by A303-881A maps to a region between residue 450 and 500 of human Cell Cycle Associated Protein 1 using the numbering given in entry NP_005889.3 (GenelD 4076).

Antibody 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.

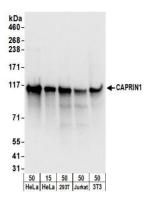
ADDITIONAL INFO https://www.bethyl.com/product/A303-881A

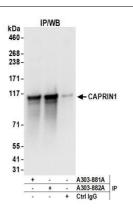
Use the link above to view SDS, a current list of citations, and other product specific information.

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 21, 2019







Detection of human and mouse CAPRIN1 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 μ g), HEK293T (50 μ g), Jurkat (50 μ g), and mouse NIH 3T3 (50 μ g) cells. Antibodies: Affinity purified rabbit anti-CAPRIN1 antibody A303-881A (lot A303-881A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

Detection of human CAPRIN1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CAPRIN1 antibody A303-881A (lot A303-881A-1) used for IP at 6 μg/mg lysate. CAPRIN1 was also immunoprecipitated by rabbit anti-CAPRIN1 antibody A303-882A. For blotting immunoprecipitated CAPRIN1, A300-881A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.