

CAPRIN1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_005889.3
Catalog No. A303-882A	Uniprot ID	Q14444
Lot No. 2	GeneID	4076

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine
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 A303-882A maps to a region between residue 550 and 600 of human Cell Cycle Associated Protein 1 using the numbering given in entry NP_005889.3 (GeneID 4076).

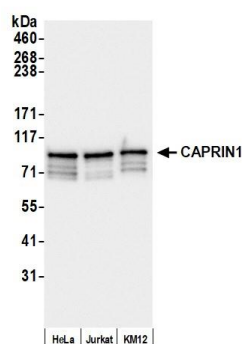
Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

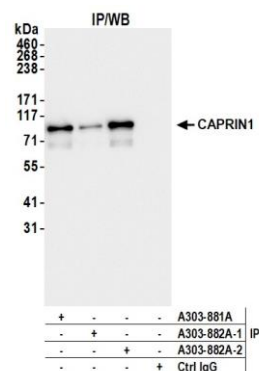
Western Blot	1:10,000 – 1:25,000
Immunoprecipitation	6 µg/mg lysate

ADDITIONAL INFO <https://www.fortislife.com/p/A303-882A>
Use the link above to view SDS, a current list of citations, and other product specific information.

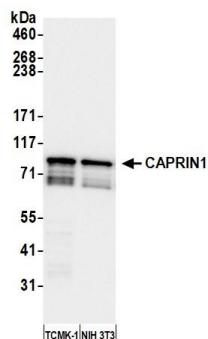
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 12, 2024



Detection of human CAPRIN1 by western blot. *Samples:* Whole cell lysate (10 µg) from HeLa, Jurkat, and KM12 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CAPRIN1 antibody (A303-882A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



Detection of human CAPRIN1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg per IP; 5% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CAPRIN1 antibody (A303-882A lot 2) used for IP at 6 µg per reaction. CAPRIN1 was also immunoprecipitated by a previous lot of this antibody (A303-882A lot 1) and a second antibody against a different epitope of CAPRIN1 (A303-881A). For blotting immunoprecipitated CAPRIN1, A303-882A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of mouse CAPRIN1 by western blot. *Samples:* Whole cell lysate (10 µg) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CAPRIN1 antibody (A303-882A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.