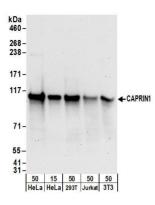
CAPRIN1 Antibody

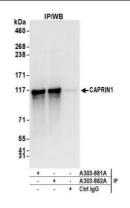
Rabbit Polyclo	nal				
Antigen Affinity Purified			Protein ID	NP_005889.3	
Catalog No.	A303-882A		GenelD	4076	RETHVI
Lot No.	o. A303-882A-1				LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted 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		Antibody was affinity purified using an epitope specific to CAPRIN1 immobilized on solid support.			
PROCEDURES		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).			
		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	2,000 - 1:10,000	
		Immunoprecipi	tation 2 -	10 µg/mg lysate	
APPLICATION NOTES		Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), 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/A303-882A			
		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

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Detection of human and mouse CAPRIN1 by western blot. *Samples:* Whole cell lysate from HeLa (15 and 50 µg), HEK293T (50µg), Jurkat (50µg), and mouse NIH 3T3 (50µg) cells. *Antibodies:* Affinity purified rabbit anti–CAPRIN1 antibody A303–882A (lot A303–882A–1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 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 A303-882A (lot A303-882A-1) used for IP at 6 μ g/mg lysate. CAPRIN1 was also immunoprecipitated by rabbit anti-CAPRIN1 antibody A303-881A. For blotting immunoprecipitated CAPRIN1, A303-882A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.