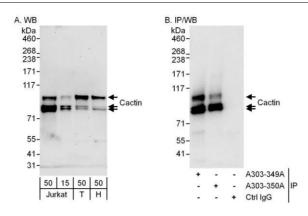
Cactin Antibody

Rabbit Polyclo	r nal				En Cin
Antigen Affinity Purified			Protein ID	EAW69298.1	
Catalog No. A303-34			GenelD	58509	
Lot No.	A303-349A-1		deneib		LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with 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 Cactin immobilized on solid support.			
		The epitope recognized by A303-349A maps to a region between residue 75 and 125 of human Cactin using the numbering given in entry EAW69298.1 (GeneID 58509).			
		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	
		Immunoprecip	itation 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 lysa		lysates perfor	ates performed using standard western blot reagents and 4-8% SDS-PAGE.		
ADDITIONAL INFO		https://www.bethyl.com/product/A303-349A			
				S, a current list of citations, ar s://www.bethyl.com/content/	d other product specific information. 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 Cactin by western blot and immunoprecipitation. *Samples:* Whole cell lysate from Jurkat (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and HeLa (H; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti–Cactin antibody A303–349A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. Cactin was also immunoprecipitated by rabbit anti–Cactin antibody A303–350A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).