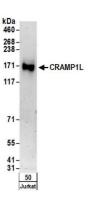
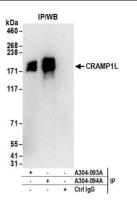
CRAMP1L Antibody						
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A304–094A Lot No. A304–094A–1		Protein ID GeneID	NP_065876.3 57585	BETHYL LABORATORIES, ING		
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 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 CRAMP1L immobilized on solid support.				
	The epitope recognized by A304–094A maps to a region between residue 1050 to 1100 of human Crm, Cramped–Like using the numbering given in entry NP_065876.3 (GeneID 575					
APPLICATIONS		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
		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	1:1	,000 - 1:5,000		
		Immunoprecip	itation 2 -	10 µg/mg lysate		
APPLICATION N	IOTES	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/A304-094A				
		Use the link above to view SDS, a current list of citations, and other product specific inform 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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A304-094A

Detection of human CRAMP1L by western blot. Samples: Whole cell lysate (50 μ g) from Jurkat cells. Antibodies: Affinity purified rabbit anti-CRAMP1L antibody A304-094A (lot A304-094A-1) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes. Detection of human CRAMP1L by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CRAMP1L antibody A304-094A (lot A304-094A-1) used for IP at 6 μ g/mg lysate. CRAMP1L was also immunoprecipitated by rabbit anti-CRAMP1L antibody A304-093A. For blotting immunoprecipitated CRAMP1L, A304-094A was used at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

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