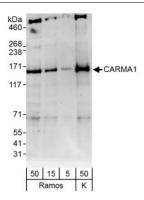
CARMA1 Antibody

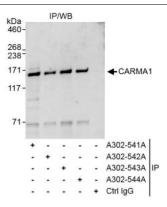
Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	NP_115791.3		
Catalog No.	atalog No. A302–541A		GenelD	84433		
Lot No.	A302-5	541A-1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted 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 CARMA1 immobilized on solid support.				
		The epitope recognized by A302-541A maps to a region between residue 275 and 325 of human card-maguk protein 1 using the numbering given in entry NP_115791.3 (GeneID 84433).				
		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 -	5 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).				
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A302-541A 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: November 12, 2019

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Detection of human CARMA1 by western blot. *Samples:* Whole cell lysate from Ramos (5, 15, and 50 µg) and K-562 (K; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-CARMA1 antibody A302-541A (lot A302-541A-1) used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CARMA1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from Ramos cells. Antibodies: Affinity purified rabbit anti-CARMA1 antibody A302-541A (lot A302-541A-1) used for IP at 10 μ g/mg lysate. CARMA1 was also immunoprecipitated by rabbit anti-CARMA1 antibodies A302-542A, A302-543A and A302-544A, which recognize downstream epitopes. For blotting immunoprecipitated CARMA1, A302-541A was used at 1.0 μ g/ml. Detection: Chemiluminescence with exposure time of 10 seconds.