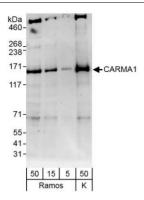
CARMA1 Antibody

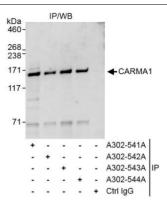
| Rabbit Polyclonal | | | | | | |
|---------------------------|----------------------|---|------------|------------------|-------------------|--|
| Antigen Affinity Purified | | | Protein ID | NP_115791.3 | | |
| Catalog No. | atalog No. A302–541A | | GenelD | 84433 | | |
| Lot No. | A302-5 | 541A-1 | | | 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.