

# DCAMKL1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O15075.2

Catalog No. A304-416A

GeneID 9201

Lot No. A304-416A-1



**APPLICATIONS** WB, IP

**SPECIES REACTIVITY** Human, 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 DCAMKL1 immobilized on solid support.

The epitope recognized by A304-416A maps to a region between residue 690 to 740 of human Doublecortin-Like and CAM Kinase-Like 1 using the numbering given in entry O15075.2 (GeneID 9201).

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 1:500 - 1:2,500

Immunoprecipitation 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.

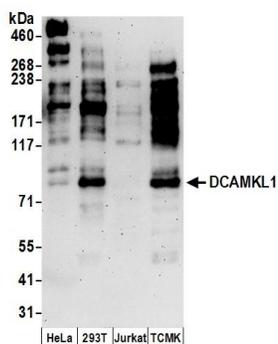
**ADDITIONAL INFO** <https://www.bethyl.com/product/A304-416A>

Use the link above to view SDS, a current list of citations, and other product specific information.

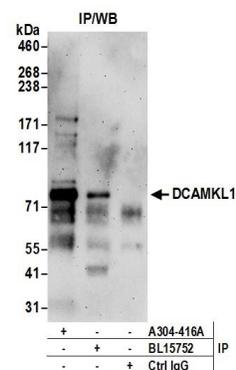
IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

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



**Detection of human and mouse DCAMKL1 by western blot.** *Samples:* Whole cell lysate (50 µg) prepared using NETN buffer from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells. *Antibodies:* Affinity purified rabbit anti-DCAMKL1 antibody A304-416A (lot A304-416A-1) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human DCAMKL1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from 293T and cells. *Antibodies:* Affinity purified rabbit anti-DCAMKL1 antibody A304-416A (lot A304-416A-1) used for IP at 6 µg per reaction. DCAMKL1 was also immunoprecipitated by rabbit anti-DCAMKL1 antibody BL15752. For blotting immunoprecipitated DCAMKL1, A304-416A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.