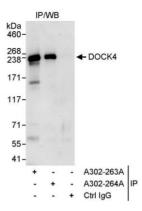
DOCK4 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 055520.3 Catalog No. A302-264A GenelD 9732 Lot No. A302-264A-1 ABOBAT APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse AMOUNT 100 ul CONCENTRATION 1000 ua/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to DOCK4 immobilized on solid support. PROCEDURES The epitope recognized by A302-264A maps to a region between residue 1916 and 1966 of human dedicator of cytokinesis 4 using the numbering given in entry NP_055520.3 (GeneID 9732). Immunoglobulin 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 Not recommended. Use rabbit anti-DOCK4 antibody A302-263A. Immunoprecipitation $3 - 5 \mu q/mq$ lysate **APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020), 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** https://www.bethyl.com/product/A302-264A Use the link above to view SDS, a current list of citations, and other product specific information.

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

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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Detection of human DOCK4 by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DOCK4 antibody A302-264A used for IP at 3 μ g/mg lysate. DOCK4 was also immunoprecipitated by rabbit anti-DOCK4 antibody A302-263A, which recognizes an upstream epitope. For blotting immunoprecipitated DOCK4, A302-263A was used at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.