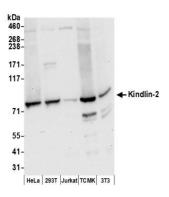
## Kindlin-2 Antibody **Rabbit Polyclonal** Protein ID Antigen Affinity Purified NP 006823.1 Catalog No. A304-577A GenelD 10979 Lot No. A304-577A-1 ORA APPLICATIONS WB. IP SPECIES REACTIVITY Human, Mouse 100 µl AMOUNT CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt 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 Kindlin-2 immobilized on solid PROCEDURES support. The epitope recognized by A304-577A maps to a region between residue 175 to 225 of human Kindlin-2 using the numbering given in entry NP 006823.1 (GeneID 10979). 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 1:2,000 - 1:10,000 Immunoprecipitation $2 - 10 \mu g/mg$ 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/A304-577A 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: June 21, 2019

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IP/WB

460 

268 

238 

171 

117 

71 

55 

41 

31 

+

404-577A

+

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**Detection of human and mouse Kindlin-2 by western blot.** *Samples:* Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Kindlin-2 antibody A304-577A (lot A304-577A-1) used for WB at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds. Detection of human Kindlin-2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Kindlin-2 antibody A304-577A (lot A304-577A-1) used for IP at 6 µg per reaction. Kindlin-2 was also immunoprecipitated by rabbit anti-Kindlin-2 antibody BL17335. For blotting immunoprecipitated Kindlin-2, A304-577A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.