## **CHAMP1** Antibody **Rabbit Polyclonal** Protein ID Antigen Affinity Purified NP 115812.1 Catalog No. A304-216A GenelD 283489 Lot No. A304-216A-1 BOBA 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 CHAMP1 immobilized on solid support. PROCEDURES The epitope recognized by A304-216A maps to a region between residue 1 to 50 of human Chromosome Alignment Maintaining Phosphoprotein 1 using the numbering given in entry

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

 $2 - 10 \mu g/mg$  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).

NP 115812.1 (GeneID 283489).

equals 1.0 mg of IgG.

Immunoprecipitation

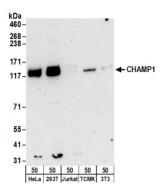
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

ADDITIONAL INFO https://www.bethyl.com/product/A304-216A 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

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 171 

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**Detection of human and mouse CHAMP1 by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-CHAMP1 antibody A304-216A (lot A304-216A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes. Detection of human CHAMP1 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. *Antibodies:* Affinity purified rabbit anti-CHAMP1 antibody A304–216A (lot A304–216A–1) used for IP at 6  $\mu$ g/mg lysate. CHAMP1 was also immunoprecipitated by rabbit anti-CHAMP1 antibody A304–217A. For blotting immunoprecipitated CHAMP1, A304–216A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.