## **GRASP65** Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP 114105.1 Protein ID Catalog No. A304-563A GenelD 64689 A304-563A-1 Lot No. BOBAT WB, IP APPLICATIONS SPECIES REACTIVITY Human, Mouse AMOUNT 100 µl 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 GRASP65 immobilized on solid PROCEDURES support.

The epitope recognized by A304-563A maps to a region between residue 390 to 440 of human Golgi Reassembly Stacking Protein 1, 65kDa using the numbering given in entry NP 114105.1 (GeneID 64689).

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 1:1,000 - 1:5,000

Immunoprecipitation 2 - 10 µg/mg 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

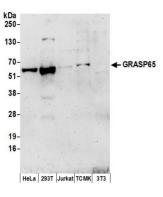
**ADDITIONAL INFO** https://www.bethyl.com/product/A304-563A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

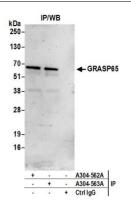
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human and mouse GRASP65 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GRASP65 antibody A304-563A (lot A304-563A-1) used for WB at 0.4  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes. Detection of human GRASP65 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-GRASP65 antibody A304-563A (lot A304-563A-1) used for IP at 6  $\mu$ g per reaction. GRASP65 was also immunoprecipitated by rabbit anti-GRASP65 antibody A304-562A. For blotting immunoprecipitated GRASP65, A304-563A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.