Sec31A Antibody **Rabbit Polyclonal** Protein ID Antigen Affinity Purified NP 001070675.1 Catalog No. A302-336A GenelD 22872 A302-336A-1 Lot No. ABOBAT APPLICATIONS WB. IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Orangutan AMOUNT 100 ul CONCENTRATION 200 µa/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to Sec31A immobilized on solid support. PROCEDURES The epitope recognized by A302-336A maps to a region between residue 775 and 825 of human SEC31 homolog A using the numbering given in entry NP_001070675.1 (GeneID 22872). 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 1:2,000 - 1:10,000 Immunoprecipitation 2 – 5 μ g/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 4-8% SDS-PAGE

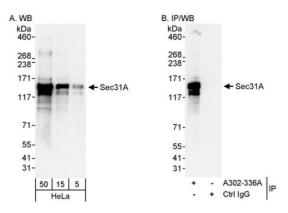
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.ADDITIONAL INFOhttps://www.bethyl.com/product/A302-336AUse the link above to view SDS, a current list of citations, and other product specific information.IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

(link to IP-western blot protocol in Additional Info section below).

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 Sec31A by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibody:* Affinity purified rabbit anti-Sec31A antibody A302-336A used for WB at 0.04 µg/ml (A) and 0.1 µg/ml (B) and used for IP at 3 µg/mg lysate. *Detection:* Chemiluminescence with exposure times of 3 seconds (A and B).

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