SPG20 Antibody **Rabbit Polyclonal** Antigen Affinity Purified O8N0X7.1 Protein ID Catalog No. A305-376A GenelD 23111 Lot No. A305-376A-1 BOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse and Bovine AMOUNT 100 ul CONCENTRATION 1000 ua/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ year from date of receipt PHYSICAL STATE Liquid 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 SPG20 immobilized on solid support. PROCEDURES

The epitope recognized by A305-376A maps to a region between residue 500 to 550 of human Spartin using the numbering given in entry Q8N0X7.1 (GeneID 23111).

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.

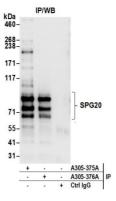
Western Blot Not recommended. Use rabbit anti-SPG20 antibody A305-375A.

- Immunoprecipitation 2 10 µg/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).

ADDITIONAL INFO https://www.bethyl.com/product/A305-376A 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 SPG20 by western blot of

immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SPG20 antibody A305-376A (lot A305-376A-1) used for IP at 6 μ g per reaction. SPG20 was also immunoprecipitated by rabbit anti-SPG20 antibody A305-375A. For blotting immunoprecipitated SPG20, A305-376A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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