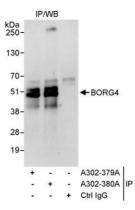
| Rabbit Polyclonal Antigen Affinity Purified Protein ID NP_036253.2 Catalog No. A302-379A GeneID 23580 Lot No. A302-379A-1 CeneID 23580 APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 µl CONCENTRATION 1000 µg/ml STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt PHYSICAL STATE Liquid Liquid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE ISOTYPE IgG QRIGIN USA PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to BORG4 immobilized on solid support. The epitope recognized by A302-379A maps to a region between residue 100 and 150 of human binder of Rho GTPases 4 using the numbering given in entry NP_036253.2 (GeneID 23580). 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 Iid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |
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| Western Blot Not recommended |
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| Immunoprecipitation 5 – 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). |
| ADDITIONAL INFO https://www.bethyl.com/product/A302–379A |
| 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 BORG4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-BORG4 antibody A302-379A used for

purified rabbit anti-BORG4 antibody A302-379A used for IP at 10 μ g/mg lysate. BORG4 was also immunoprecipitated by rabbit anti-BORG4 antibody A302-380A, which recognizes a downstream epitope. For blotting immunoprecipitated BORG4, A302-380A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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