## **Gigaxonin Antibody Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 071324.1 Catalog No. A302-907A GenelD 8139 Lot No. A302-907A-1 BOBA APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse 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 Gigaxonin immobilized on solid PROCEDURES support. The epitope recognized by A302-907A maps to a region between residue 150 and 200 of human Gigaxonin using the numbering given in entry NP\_071324.1 (GeneID 8139). 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 Immunoprecipitation $2 - 5 \mu q/mq$ 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 (link to IP-western blot protocol in Additional Info section below). **ADDITIONAL INFO** https://www.bethyl.com/product/A302-907A 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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|             | - 1 | P/WE | 3 |                        |    |
|-------------|-----|------|---|------------------------|----|
| kDa<br>250- |     |      |   |                        |    |
| 130-        |     |      |   |                        |    |
| 70-         | -   | -    |   | ← Gigaxoni             | n  |
| 51-         |     |      |   |                        |    |
| 38-         |     |      |   |                        |    |
| 28-         |     |      |   |                        |    |
| 19-         |     |      |   |                        |    |
|             | +   | -    | - | A302-906A<br>A302-907A | 1  |
|             | -   | +    | - | A302-907A              | IP |
|             |     | -    | + | Ctrl IgG               |    |

## Detection of human Gigaxonin 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-Gigaxonin antibody A302-907A used

for IP at 3  $\mu$ g/mg lysate. Gigaxonin antibody A302–907A used for IP at 3  $\mu$ g/mg lysate. Gigaxonin was also immunoprecipitated by rabbit anti–Gigaxonin antibody A302–906A, which recognizes an upstream epitope. For blotting immunoprecipitated Gigaxonin, A302–907A was used at 1  $\mu$ g/ml,. *Detection:* Chemiluminescence with an exposure time of 10 seconds.