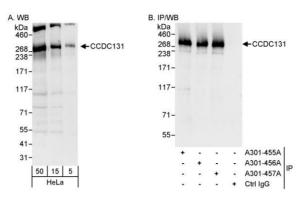
| CCDC131 Antibody   |   |   |                |  |                       |                    |
|--|---|---|----------------|--|-----------------------|--------------------|
| Rabbit Polyclonal  |   |   |                |  |                       |                    |
| Antigen Affinity Purified                                |   |   | Protein ID     | NP_659419.3  |                       |                    |
| Catalog No.  | alog No. A301-455A  |   | GenelD         | 196441   |                       | RETHVI             |
| Lot No.  | A301-   | 455A-1  |                |  |                       | LABORATORIES, INC  |
| APPLICATIONS   |   | WB, IP  |                |  |                       |                    |
| SPECIES REACTIVITY                                       |   | Human   |                |  |                       |                    |
| AMOUNT   |   | 100 µl  |                |  |                       |                    |
| CONCENTRATION  |   | 200 µg/ml   |                |  |                       |                    |
| STORAGE/SHELF LIFE                                       |   | 2 - 8° C / 1 year from date of receipt  |                |  |                       |                    |
| PHYSICAL STATE   |   | Liquid  |                |  |                       |                    |
| BUFFER   |   | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide   |                |  |                       |                    |
| ISOTYPE  |   | IgG   |                |  |                       |                    |
| ORIGIN   |   | USA   |                |  |                       |                    |
| PRODUCTION<br>PROCEDURES                                 |   | Antibody was affinity purified using an epitope specific to CCDC131 immobilized on solid support.   |                |  |                       |                    |
|  |   | The epitope recognized by A301-455A maps to a region between residue 300 and 350 of human coiled-coil domain containing 131 using the numbering given in entry NP_659419.3 (GeneID 196441).   |                |  |                       |                    |
|  | Immunoglobulin concentration of 1.4 equals 1.0 mg of IgG. |   |                | n was determined by extinction coefficient: absorbance at 280 nm |                       |                    |
| APPLICATIONS   |   | entrifuge tube to remove product from lid. Optimal working dilutions should be determined sperimentally by the investigator. Prepare working dilution immediately before use.   |                |  |                       |                    |
|  |   | Western Blot  | 1:2            | ,000 - 1:10,000  |                       |                    |
|  |   | Immunoprecipi   | tation 2 -     | 5 µg/mg lysate   |                       |                    |
| APPLICATION NOTES  |   | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),<br>Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS-PAGE<br>(link to IP-western blot protocol in Additional Info section below). |                |  |                       |                    |
|  |   | Western blot of   | lysates perfor | rmed using standard v  | vestern blot reagents | and 4-8% SDS-PAGE. |
| ADDITIONAL INFO https://www.bethyl.com/product/A301–455A |   |   |                |  |                       |                    |
|  |   | Use the link above to view SDS, a current list of citations, and other product specific information.<br>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 CCDC131 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. *Antibodies:* Affinity purified rabbit anti-CCDC131 antibody A301-455A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. CCDC131 was also immunoprecipitated by rabbit anti-CCDC131 antibodies A301-456A and A301-457A, which recognize downstream epitopes. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).

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