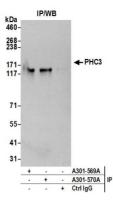
| PHC3 Antibody             |                                                                                                                                                                                                                                                       |                                                                                                                          |                                        |                   |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|--|
| Rabbit Polyclonal         |                                                                                                                                                                                                                                                       |                                                                                                                          |                                        |                   |  |
| Antigen Affinity Purified |                                                                                                                                                                                                                                                       | Protein ID                                                                                                               | AAI31773.1                             |                   |  |
| Catalog No. A301          | -570A C                                                                                                                                                                                                                                               | GenelD                                                                                                                   | 80012                                  | DETUVI            |  |
| Lot No. A301              | -570A-2                                                                                                                                                                                                                                               |                                                                                                                          |                                        |                   |  |
| APPLICATIONS              | IP                                                                                                                                                                                                                                                    |                                                                                                                          |                                        |                   |  |
| SPECIES REACTIVITY        | Human                                                                                                                                                                                                                                                 |                                                                                                                          |                                        |                   |  |
| AMOUNT                    | 100 µl                                                                                                                                                                                                                                                | 100 μΙ                                                                                                                   |                                        |                   |  |
| CONCENTRATION             | 1000 µg/ml                                                                                                                                                                                                                                            | 1000 μg/ml                                                                                                               |                                        |                   |  |
| STORAGE/SHELF LIFE        | 2 – 8° C / 1 year f                                                                                                                                                                                                                                   | 2 - 8° C / 1 year from date of receipt                                                                                   |                                        |                   |  |
| PHYSICAL STATE            | Liquid                                                                                                                                                                                                                                                | Liquid                                                                                                                   |                                        |                   |  |
| BUFFER                    | Tris-citrate/phos                                                                                                                                                                                                                                     | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide                                                   |                                        |                   |  |
| ISOTYPE                   | IgG                                                                                                                                                                                                                                                   |                                                                                                                          |                                        |                   |  |
| ORIGIN                    | USA                                                                                                                                                                                                                                                   | USA                                                                                                                      |                                        |                   |  |
| PRODUCTION<br>PROCEDURES  | Antibody was affinity purified using an epitope specific to PHC3 immobilized on solid support.                                                                                                                                                        |                                                                                                                          |                                        |                   |  |
|                           | The epitope recognized by A301–570A maps to a region between residue 933 and 983 of human polyhomeotic like 3 using the numbering given in entry AAI31773.1 (GeneID 80012).                                                                           |                                                                                                                          |                                        |                   |  |
|                           |                                                                                                                                                                                                                                                       | 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                                                                                                                                                                                                                                          | Not                                                                                                                      | t recommended. Use rabbit anti-PHC3 an | tibody A301–569A. |  |
|                           | Immunoprecipita                                                                                                                                                                                                                                       | tion 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). |                                                                                                                          |                                        |                   |  |
| ADDITIONAL INFO           |                                                                                                                                                                                                                                                       |                                                                                                                          |                                        |                   |  |
|                           | 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 PHC3 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PHC3 antibody A301-570A (lot A301-570A-2) used for IP at 3 µg per reaction. PHC3 was also immunoprecipitated by rabbit anti-PHC3 antibody A301-569A. For blotting immunoprecipitated PHC3, A301-569A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

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