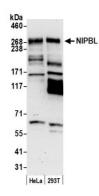
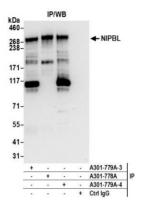
| NIPBL Antibody | | | | | | |
|---------------------------|---------------------|---|-------------|------------------------------|-----|-------------------------------|
| Rabbit Polyclonal | | | | | | |
| Antigen Affinity Purified | | | Protein ID | NP_597677.2 | | |
| Catalog No. A301–779A | | 779A | GenelD | 25836 | | DETUVI |
| Lot No. | Lot No. A301–779A–4 | | | | 1 | A B O R A T O R I E S , I N C |
| APPLICATIONS | | WB, IP | | | | |
| SPECIES REACTIVITY | | Human | | | | |
| AMOUNT | | 100 μΙ | | | | |
| CONCENTRATION | | 1000 μg/ml | | | | |
| STORAGE/SHELF LIFE | | 2 - 8° 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 PROCEDURES | | Antibody was affinity purified using an epitope specific to NIPBL immobilized on solid support. | | | | |
| | | The epitope recognized by A301-779A maps to a region between residue 1025 and 1075 of human Nipped-B-like using the numbering given in entry NP_597677.2 (GeneID 25836). | | | | |
| | | 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 | 1:2 | ,000 - 1:10,000 | | |
| APPLICATION NOTES | | Immunoprecip | itation 2 – | 6 µg/mg lysate | | |
| | | 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 3-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). | | | | |
| | | Western blot of lysates performed using standard western blot reagents and 3-8% SDS-PAGE. | | | | |
| ADDITIONAL INI | FO | https://www.bethyl.com/product/A301-779A | | | | |
| | | | | S, a current list of citatio | · · | t 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 NIPBL by western blot. *Samples:* Whole cell lysate (15 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NIPBL antibody A301-779A (lot A301-779A-4) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds. Detection of human NIPBL by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti–NIPBL antibody A301–779A (lot A301–779A–4) used for IP at 3 µg per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (lot A301–779A–3) and rabbit anti–NIPBL antibody A301–778A. For blotting immunoprecipitated NIPBL, A301–779A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.