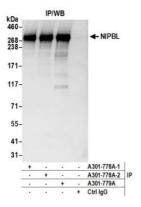
| NIPBL Antibody | | | | | | | |
|--|---------------------------------------|---|--|--|----------------------|----------|--|
| Rabbit Polyclonal | | | | | | | |
| Antigen Affinity Purified | | | Protein ID | NP_597677.2 | | | |
| Catalog No. | Catalog No. A301–778A | | GenelD | 25836 | | DETUVI | |
| Lot No. | A301-3 | 78A-2 | | | | | |
| 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 | | | | | |
| 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 A301–778A maps to a region between residue 550 and 600 of human Nipped-B-like using the numbering given in entry NP_597677.2 (GeneID 25836). | | | | | |
| Immunoglobulin concentration was determined by extinction c of 1.4 equals 1.0 mg of IgG. | | | | inction coefficient: | absorbance at 280 nm | | |
| 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 | | | |
| | | Immunoprecip | itation 2 - | 10 µg/mg lysate | | | |
| APPLICATION N | OTES | Goat anti-Rabb | /estern blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), oat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 3–8% SDS-PAGE ink to IP-western blot protocol in Additional Info section below). | | | | |
| ADDITIONAL IN | · · · · · · · · · · · · · · · · · · · | ps://www.bethyl.com/product/A301–778A | | | | | |
| | | | | S, a current list of citatio s://www.bethyl.com/con | | | |
| | | | protocol. nttp | | | <u>,</u> | |

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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2



Detection of human NIPBL by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti–NIPBL antibody A301–778A (lot A301–778A–2) used for IP at 6 µg per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (lot A301–778A–1) and rabbit anti–NIPBL antibody A301–779A For blotting immunoprecipitated NIPBL, A301–779A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com