Lamin-A/C Antibody

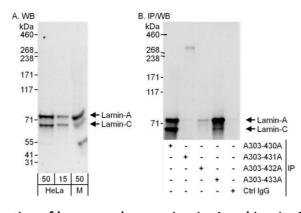
| Lamin A/C Antibody | | | | | | |
|--|--------|---|-------------|------------------------|-----------------------|-------------------|
| Rabbit Polyclonal | | | Destain ID | | | |
| Antigen Affinity Purified | | Protein ID | NP_733821.1 | | ↓ · <u></u> | |
| Catalog No. | | | GenelD | 4000 | | RFTHVI |
| Lot No. | A303-4 | 31A-1 Laboratories, in | | | | |
| APPLICATIONS | | WB | | | | |
| SPECIES REACTIVITY | | Human, Mouse | | | | |
| PRESUMED REACTIVITY | | Based on 100% sequence identity, this antibody is predicted to react with Rat and Pig | | | | |
| 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 PROCEDURES | | Antibody was affinity purified using an epitope specific to Lamin-A/C immobilized on solid support. | | | | |
| | | The epitope recognized by A303-431A maps to a region between residue 150 and 200 of human Lamin A/Lamin C using the numbering given in entry NP_733821.1 (GeneID 4000). | | | | |
| | | 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 | 1:2 | 2,000 - 1:10,000 | | |
| | | Immunoprecipi | itation No | t recommended | | |
| APPLICATION NOTES Western blot of lysates perfor | | | | rmed using standard we | stern blot reagents a | nd 4-8% SDS-PAGE. |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A303-431A Use the link above to view SDS, a current list of citations, and other product specific information. | | | | |

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 and mouse Lamin–A and Lamin–C by western blot (h and m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti–Lamin– A/C antibody A303–431A used for WB at 0.04 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 6 µg/mg lysate. Lamin–A and Lamin–C were immunoprecipitated by rabbit anti–Lamin–A/C antibody A303–430A, which recognizes an upstream epitope. Lamin–A was also immunoprecipitated by rabbit anti–Lamin–A antibody A303–433A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 second (A) and 3 seconds (B).

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