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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DNMT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001370.1

Catalog No. A300-041A-T

GeneID 1786

Lot No. A300-041A-T-1

APPLICATIONS WB

SPECIES REACTIVITY Human

AMOUNT 10 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 DNMT1 immobilized on solid support.

The epitope recognized by A300-041A-T maps to a region between residue 350 and 400 of human DNA methyltransferase 1 using the numbering given in entry NP_001370.1 (GeneID 1786).

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.

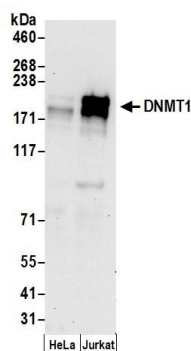
Western Blot 1:1,000 – 1:10,000

Immunoprecipitation Not recommended. Use rabbit anti-DNMT1 antibody A300-042A.

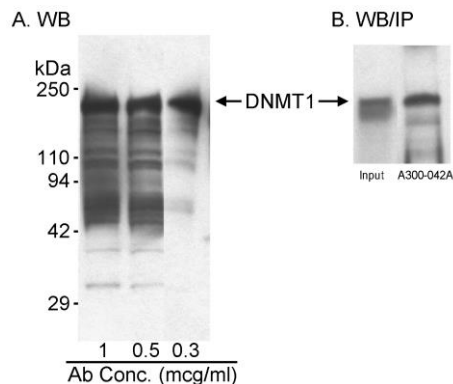
ADDITIONAL INFO <https://www.bethyl.com/product/A300-041A-T>

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.
Michael Spencer, PhD Date: June 6, 2022



Detection of human DNMT1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa and Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-DNMT1 antibody A300-041A (lot A300-041A-1) used for WB at 0.05 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human DNMT1 by western blot and immunoprecipitation. *Samples:* Nuclear extract [50 µg/lane for A; 10 µg (input) or 1 mg (A300-042A IP) for B] from HeLa cells. *Antibodies:* A. Affinity purified rabbit anti-DNMT1 antibody A300-041A used at the indicated concentrations for WB. B. DNMT1 immunoprecipitated with affinity purified rabbit anti-DNMT1 antibody A300-042A then detected with affinity purified rabbit anti-DNMT1 antibody A300-041A used at 0.2 µg/ml for WB. *Detection:* Chemiluminescence with an exposure time of 2 seconds.