



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# DNMT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001370.1

Catalog No. A300-042A-T

GeneID 1786

Lot No. A300-042A-T-2

<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Bovine
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to DNMT1 immobilized on solid support.

The epitope recognized by A300-042A-T maps to a region between residue 700 and 750 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.

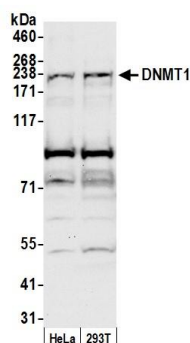
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 4 µg/mg lysate

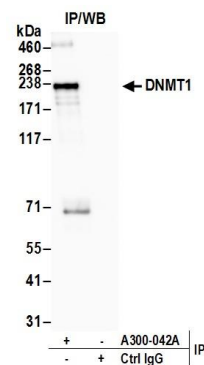
**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-042A-T>

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](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.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of human DNMT1 by western blot. *Samples:*** Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. ***Antibody:*** Affinity purified rabbit anti-DNMT1 antibody A300-042A (lot A300-042A-2) used for WB at 0.1  $\mu$ g/ml. ***Detection:*** Chemiluminescence with an exposure time of 30 seconds.



**Detection of human DNMT1 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-DNMT1 antibody A300-042A (lot A300-042A-2) used for IP at 3  $\mu$ g per reaction. For blotting immunoprecipitated DNMT1, A300-042A was used at 1  $\mu$ g/ml. ***Detection:*** Chemiluminescence with an exposure time of 30 seconds.