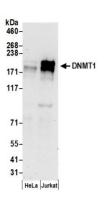
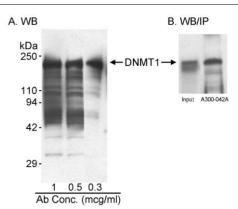
DNMT1 Antibody							
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_001370.1			
Catalog No.	lo. A300-041A		GenelD	1786		DETLIVI	
Lot No.	A300-	141A-1 DE LABORATORIES				LABORATORIES, INC	
APPLICATIONS		WB					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		1000 μg/ml					
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 DNMT1 immobilized on solid support.					
		The epitope recognized by A300-041A maps to a region between residue 350 and 400 of human DNA-Methyltranserase 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			
		Immunoprecipi	tation Not	t recommended. Use r	abbit anti-DNMT1 an	tibody A300–042A.	
APPLICATION NO	OTES	Western blot of	lysates perfor	s performed using standard western blot reagents and 4-8% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-041A 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 DNMT1 by western blot. Samples: Whole cell lysate (50 μ g) 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 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human DNMT1 by western blot and immunoprecipitation. *Samples:* Nuclear extract [50 μ g/lane for A; 10 μ g (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 μ g/ml for WB. *Detection:* Chemiluminescence with an exposure time of 2 seconds.