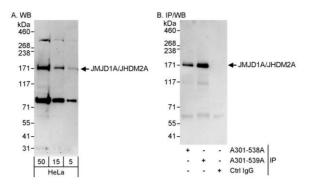
JMJD1A/JHDM2A Antibody

Rabbit Polyclon					
Antigen Affinity Purified		Protein ID	NP_060903.2		
5	A301-539A	GenelD	55818	BETHYL	
Lot No.	A301-539A-1	539A-I LABORATORIES, IN			
APPLICATIONS	WB, IP				
SPECIES REACTIV	ITY Human	Human			
AMOUNT	100 µl	100 µl			
CONCENTRATION	N 1000 μg/r	1000 μg/ml			
STORAGE/SHELF	LIFE 2 – 8° C /	2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE	Liquid	Liquid			
BUFFER	Tris-citrat	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE	lgG	IgG			
ORIGIN	USA	USA			
PRODUCTION PROCEDURES	Antibody support.	Antibody was affinity purified using an epitope specific to JMJD1A/JHDM2A immobilized on solid support.			
The epitope recognized by A301–539A maps to a region between residue 1271 human jumonji domain containing 1A (JmjC domain-containing histone demeth 2A) using the numbering given in entry NP_060903.2 (GeneID 55818).		taining histone demethylation protein			
		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 E	llot 1:2	2,000 - 1:10,000		
	Immunop	recipitation 2 -	- 5 µg/mg lysate		
APPLICATION NC	Goat anti-	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
	Western b	lot of lysates perfo	rmed using standard wester	n blot reagents and 4-8% SDS-PAGE.	
ADDITIONAL INF	O https://ww	https://www.bethyl.com/product/A301–539A			
		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			

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 JMJD1A/JHDM2A by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti– JMJD1A/JHDM2A antibody A301–539A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. JMJD1A/JHDM2A was also immunoprecipitated by rabbit anti–JMJD1A/JHDM2A antibody A301–538A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

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