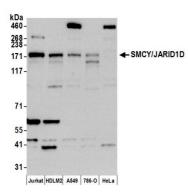
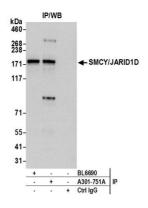
JARID1D/SMCY Antibody

JARIDID	Sivier	Antibudy				
Rabbit Polyclo	onal					
Antigen Affinity Purified		ed	Protein ID	NP_004644.2		
Catalog No. A301-751A			GenelD	8284	BETHY	
Lot No. A301–751A–4					LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
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 JARID1D/SMCY immobilized on solid support.				
The epitope recognized by A301–751A maps to a region between residue 1490 human SMC (mouse) homolog, Y chromosome (jumonji, AT rich interactive dom the numbering given in entry NP_004644.2 (GeneID 8284).						
			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		
		Immunoprecip	itation 2 -	5 µg/mg lysate		
APPLICATION N	NOTES	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 blot of	lysates perfor	rmed using standard western b	lot reagents and 4–8% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A301–751A				
				S, a current list of citations, ar s://www.bethyl.com/content/	nd other product specific information. 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 SMCY/JARID1D by western blot.

Samples: Whole cell lysate (15 µg) from Jurkat, HDLM-2, A-549, 786-O, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMCY/JARID1D antibody A301-751A (lot A301-751A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of human SMCY/JARID1D by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMCY/JARID1D antibody A301-751A (lot A301–751A–4) used for IP at 3 µg per reaction. SMCY/JARID1D was also immunoprecipitated by rabbit anti-SMCY/JARID1D antibody BL6690. For blotting immunoprecipitated SMCY/JARID1D, A301-751A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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