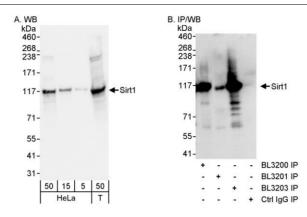
Sirt1 Antibody						
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_036370.2		
Catalog No.	A300-		GenelD	23411	BETHYL	
Lot No.	A300-	688A-1 LABORATORIES,				
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 μl				
CONCENTRATION		200 µg/ml				
STORAGE/SHELF LIFE		2 - 8° 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 Sirt1 immobilized on solid support.				
ROCEDURES		The epitope recognized by A300-688A maps to a region between residue 700 and the C- terminus (residue 747) of human Silent Mating Type Information Regulation 2 homolog 1 using the numbering given in entry NP_036370.2 (GeneID 23411).				
		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 1 –	4 µg/mg lysate		
APPLICATION 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	f lysates perfor	rmed using standard westerr	blot reagents and 4-8% SDS-PAGE.	
			vw.bethyl.com/product/A300-688A			
				S, a current list of citations, os://www.bethyl.com/conten	and 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 Sirt1 by western blot and immunoprecipitation. expndtw-6 Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibodies: Affinity purified rabbit anti-Sirt1 antibody BL3203 (Cat. No. A300-688A) used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. Sirt1 was also immunoprecipitated using rabbit anti-Sirt1 antibodies BL3200 (Cat. No. A300-687A) and BL3201. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 30 seconds (B).