Shiez / And Body					LABORATORIES, INC LIFE SCIENCES
Rabbit Polyclo	nal				
Antigen Affinity Purified			Protein ID	NP_006435.1	
Catalog No. A300-058A-T		GenelD	10592		
Lot No. A300–058A–T–3					
APPLICATIONS		WB, IP, ICC			
SPECIES REACTIVITY		Human			
AMOUNT		10 μΙ			
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			
PROCEDURES ST T C n		Antibody was affinity purified using an epitope specific to SMC2 immobilized on solid support.			
		The epitope recognized by A300-058A-T maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).			
		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	2,000 – 1:10,000	
		Immunoprecipi	tation 2 -	10 µg/mg lysate	
		Immunocytoche	emistry 1:2	200 - 1:400	
ADDITIONAL INFO		https://www.be	thyl.com/pro	duct/A300–058A–T	
				OS, a current list of citations, a os://www.bethyl.com/content	nd other product specific information. /protocol_IP_WB

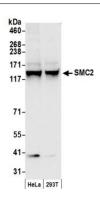
SMC2 Antibody

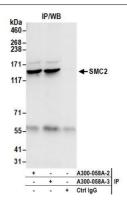
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: June 6, 2022

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Detection of human SMC2 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMC2 antibody A300-058A (lot A300-058A-3) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds. Detection of human SMC2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMC2 antibody A300-058A (lot A300-058A-3) used for IP at 6 µg per reaction. SMC2 was also immunoprecipitated by a previous lot of this antibody A300-058A-2. For blotting immunoprecipitated SMC2, A300-058A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.