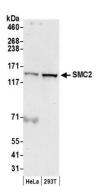
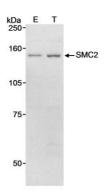
SMC2 Antibody					
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_006435.1	
Catalog No.	No. A300-056A		GenelD	10592	RETUVI
Lot No.	A300-	156A-1			
APPLICATIONS		WB			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 – 8° C / 1 year from 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 SMC2 immobilized on solid support.			
		The epitope recognized by A300–056A maps to a region between residues 50 and 100 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	1:5	,000 - 1:20,000	
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-056A 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 24, 2019

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Detection of human SMC2 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMC2 antibody A300-056A (lot A300-056A-1) used for WB at 0.05  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human SMC2 by western blot. Samples: Whole cell lysate (90  $\mu$ g) from mock transfected (E) or SMC2 transfected (T) HEKHEK293T cells. Antibody: Affinity purified rabbit anti-SMC2 A300-056A used at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with a 10 minute exposure.