

# SMC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-057A-T

Protein ID NP\_006435.1

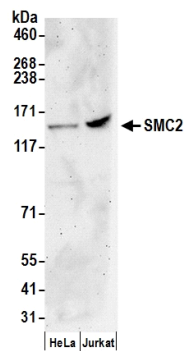
Gene ID 10592



<b>APPLICATIONS</b>	WB
<b>REACTIVITY TESTED</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Dog, Horse, Panda, Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, Crab-eating macaque, European domestic ferret, African elephant and Northern white-cheeked gibbon.
<b>ISOTYPE</b>	IgG
<b>AMOUNT</b>	20 µl (2 blots)
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline with 0.1% BSA containing 0.09% Sodium Azide
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to SMC2 immobilized on solid support.</p> <p>The epitope recognized by A300-057A-T maps to a region between residues 950 and 1000 of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot                      1:1000</p>
<b>ADDITIONAL INFO</b>	<p><a href="http://www.bethyl.com/product/A300-057A-T">http://www.bethyl.com/product/A300-057A-T</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

## SMC2 Antibody: A300-057A-T

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**Detection of Human SMC2 by Western Blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SMC2 antibody A300-057A-T (lot A300-057A-T-1) used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.