SMC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_006435.1

Catalog No. A300-057A-M GeneID 10592

Lot No. A300-057A-M-1

APPLICATIONS WB

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse

AMOUNT 100 μl (10 blots)

CONCENTRATION 100 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 SMC2 immobilized on solid support.

The epitope recognized by A300-057A-M 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).

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 1:1000

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-057A-M

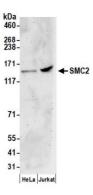
Use the link above to view SDS, a current list of citations, and other product specific information.

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 21, 2019



SMC2 Antibody A300-057A-M



Detection of human SMC2 by western blot. Samples: Whole cell lysate (50 μg) from HeLa and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMC2 antibody A300-057A-M (lot A300-057A-M-1) used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 minutes.