

MCAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006836.1

Catalog No. A300-808A

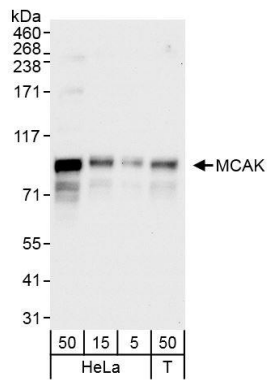
GeneID 11004

Lot No. A300-808A-1

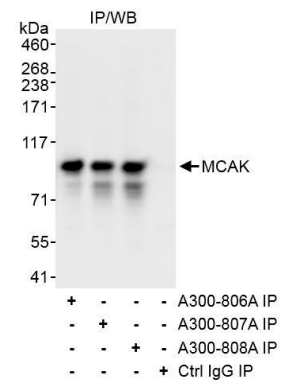


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to MCAK immobilized on solid support. The epitope recognized by A300-808A maps to a region between residue 675 and the C-terminus (residue 725) of human Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_006836.1 (GeneID 11004). 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 Immunoprecipitation 2 – 5 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 lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A300-808A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol https://www.bethyl.com/content/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: October 17, 2019



Detection of human MCAK by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-MCAK antibody A300-808A (lot A300-808A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human MCAK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-MCAK antibody A300-808A (lot A300-808A-1) used for IP at 3 µg/mg lysate. MCAK was also immunoprecipitated by rabbit anti-MCAK antibodies A300-806A and A300-807A. For blotting immunoprecipitated MCAK, A300-808A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 1 second.