

PSMF1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A303-859A

Lot No. A303-859A-1

Protein ID NP_848693.2

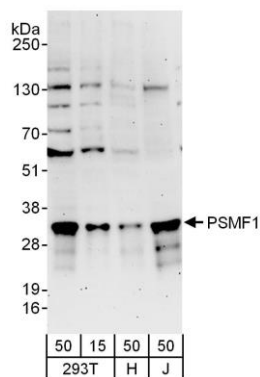
GeneID 9491



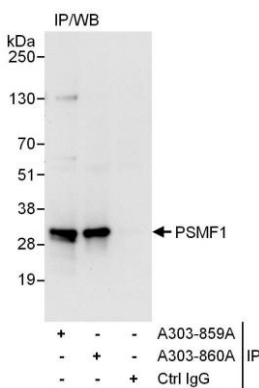
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PSMF1 immobilized on solid support. The epitope recognized by A303-859A maps to a region between residue 150 and 200 of human Proteasome (Prosome, Macropain) Activator Subunit 1 (PI31) using the numbering given in entry NP_848693.2 (GeneID 9491). Antibody 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 – 10 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A303-859A 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: June 21, 2019



Detection of human PSMF1 by western blot. *Samples:* Whole cell lysate from HEK293T (15 and 50 µg), HeLa (H; 50 µg), and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-PSMF1 antibody A303-859A (lot A303-859A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human PSMF1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-PSMF1 antibody A303-859A (lot A303-859A-1) used for IP at 6 µg/mg lysate. PSMF1 was also immunoprecipitated by rabbit anti-PSMF1 antibody A303-860A. For blotting immunoprecipitated PSMF1, A303-859A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.