PSMF1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_848693.2

Catalog No. A303-860A GenelD 9491

Lot No. A303-860A-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

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

and 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 A303-860A maps to a region between residue 221 and 271 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 1:1,000 - 1:5,000

Immunoprecipitation 2 – 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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/A303-860A

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

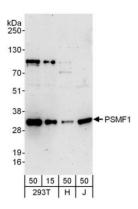
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

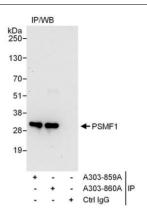
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



PSMF1 Antibody A303-860A





Detection of human PSMF1 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 μ g), HeLa (H; 50 μ g), and Jurkat (J; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-PSMF1 antibody A303-860A (lot A303-860A-1) used for WB at 0.4 μ g/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 A303-860A (lot A303-860A-1) used for IP at 6 μg/mg lysate. PSMF1 was also immunoprecipitated by rabbit anti-PSMF1 antibody A303-859A. For blotting immunoprecipitated PSMF1, A303-860A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.