USP3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID AAD42992.1

Catalog No. A301-540A GeneID 9960

Lot No. A301-540A-2

APPLICATIONS IP

SPECIES REACTIVITY Human

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

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 USP3 immobilized on solid support.

The epitope recognized by A301-540A maps to a region between residue 325 and 375 of human ubiquitin specific protease 3 using the numbering given in entry AAD42992.1 (GenelD 9960).

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 Not recommended

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).

ADDITIONAL INFO https://www.bethyl.com/product/A301-540A

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

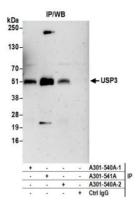
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



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Detection of human USP3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti–USP3 antibody A301–540A (lot A301–540A–2) used for IP at 3 μg per reaction. USP3 was also immunoprecipitated by a previous lot of this antibody (lot A301–540A–1) and rabbit anti–USP3 antibody A301–541A For blotting immunoprecipitated USP3, A301–541A was

used at 1 µg/ml. Detection: Chemiluminescence with an

exposure time of 3 minutes.