USP36/DUB1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.   A300-940A

Lot No.   A300-940A-2

Protein ID   NP_079366.2

GeneID   57602

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
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 USP36/DUB1 immobilized on solid support. The epitope recognized by A300-940A maps to a region between residue 1070 and the C-terminus (residue 1121) of human Ubiquitin Specific Peptidase 36 (Deubiquinating Enzyme 1) using the numbering given in entry NP_079366.2 (GeneID 57602). 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	1:1,,000 – 1:5,000
Immunoprecipitation	2 – 10 µg/mg lysate
Immunohistochemistry	1:2,000 – 1:10,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

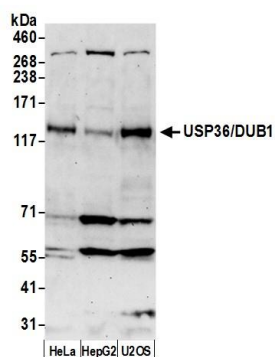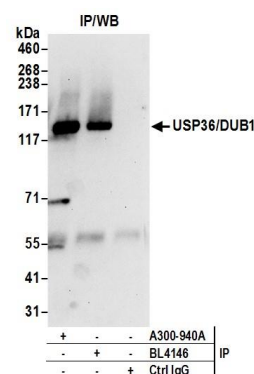|	
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-940A 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.
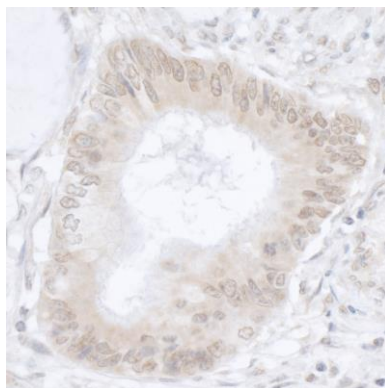Eric McIntush, PhD | Chief Scientific Officer   Date: June 21, 2019

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800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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Detection of Human USP36/DUB1 by Western Blot.
Samples: Whole cell lysate (50 μg) from HeLa, Hep-G2, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti–USP36/DUB1 antibody A300–940A (lot A300–940A-2) used for WB at 0.4 μg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.

Detection of human USP36/DUB1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti–USP36/DUB1 antibody A300–940A (lot A300–940A-2) used for IP at 6 μg per reaction. USP36/DUB1 was also immunoprecipitated by rabbit anti–USP36/DUB1 antibody BL4146. For blotting immunoprecipitated USP36/DUB1, A300–940A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human USP36/DUB1 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti–USP36/DUB1(Cat. No. A300–940A Lot 2) used at a dilution of 1:5,000 (0.2μg/ml). *Detection:* DAB

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