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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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USP14 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005142.1

Catalog No. A300-919A

GeneID 9097

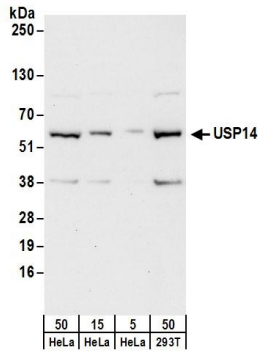
Lot No. A300-919A-2



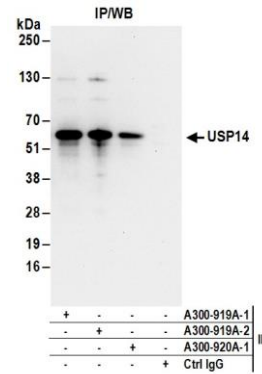
| | |
|------------------------------|---|
| APPLICATIONS | WB, IP, IHC |
| SPECIES REACTIVITY | Human |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee |
| AMOUNT | 100 µl |
| CONCENTRATION | 1000 µg/ml |
| STORAGE/SHELF LIFE | 2 - 8° C / 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 | <p>Antibody was affinity purified using an epitope specific to USP14 immobilized on solid support.</p> <p>The epitope recognized by A300-919A maps to a region between residue 350 and 400 of human Ubiquitin Specific Peptidase 14 using the numbering given in entry NP_005142.1 (GeneID 9097).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |
| APPLICATIONS | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 5 µg/mg lysate</p> <p>Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p> |
| APPLICATION NOTES | <p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p> |
| IHC HUMAN CONTROLS | Colon Carcinoma, Ovarian Carcinoma |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A300-919A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p> |

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

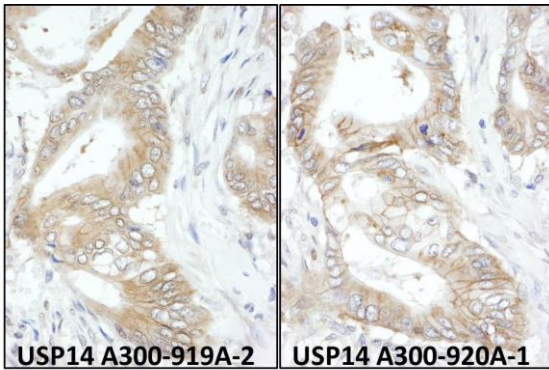
Date: June 21, 2019



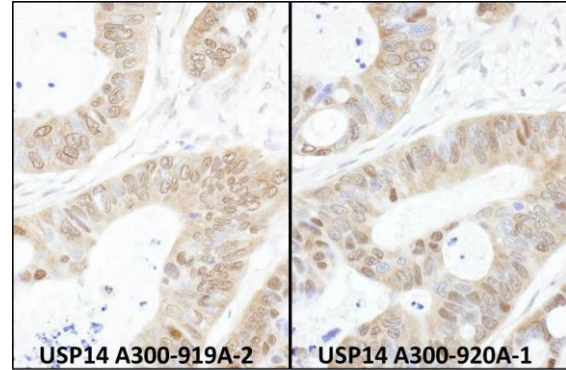
Detection of human USP14 by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg) and HEK293T(50 µg) cells. *Antibodies:* Affinity purified rabbit anti-USP14 antibody A300-919A (lot A300-919A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human USP14 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-USP14 antibody A300-919A (lot A300-919A-2) used for IP at 6 µg/mg lysate. USP14 was also immunoprecipitated by a previous lot of this antibody (lot A300-919A-1) and rabbit anti-USP14 antibody A300-920A. For blotting immunoprecipitated USP14, A300-919A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human USP14 by immunohistochemistry. *Samples:* FFPE sections of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-USP14 (Cat. No. A300-919A Lot2 - left and Cat. No. A300-920A Lot1 - right) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB



Detection of human USP14 by immunohistochemistry. *Samples:* FFPE sections of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-USP14 (Cat. No. A300-919A Lot2 - left and Cat. No. A300-920A Lot1 - right) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB