

USP37 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-927A

Lot No. A300-927A-2

Protein ID NP_065986.1

GeneID 57695



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Gorilla and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to USP37 immobilized on solid support.

The epitope recognized by A300-927A maps to a region between residue 930 and the C-terminus (residue 979) of human Ubiquitin Specific Peptidase 37 using the numbering given in entry NP_065986.1 (GeneID 57695).

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 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:100 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

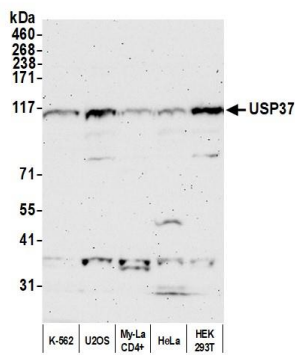
IHC HUMAN CONTROLS Breast Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-927A>

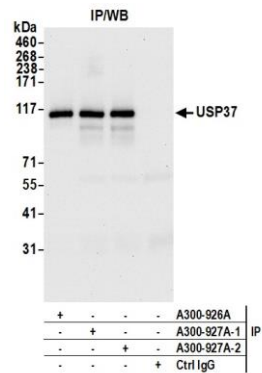
Use the link above to view SDS, a current list of citations, and other product specific information.

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

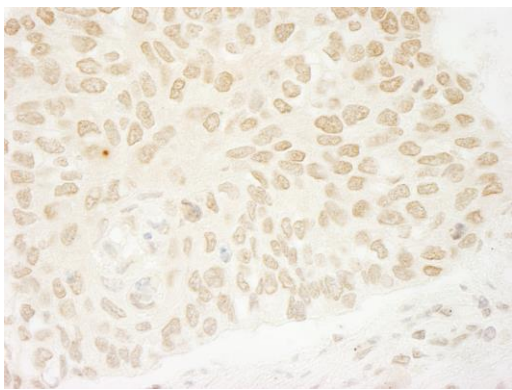
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: August 13, 2021



Detection of human USP37 by western blot. *Samples:* Whole cell lysate (50 µg) from K-562, U2OS, My-La CD4+, HeLa, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-USP37 antibody (A300-927A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human USP37 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-USP37 antibody (A300-927A lot 2) used for IP at 6 µg per reaction. USP37 was also immunoprecipitated by a previous lot of this antibody (A300-927A lot 1) and a second antibody against a different epitope of USP37 (A300-926A). For blotting immunoprecipitated USP37, A300-927A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human USP37 by immunohistochemistry. *Sample:* FFPE section of human non-small cell lung cancer. *Antibody:* Affinity purified rabbit anti-USP37 (Cat. No. A300-927A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB