



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# USP47 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_060414.3

Catalog No. A301-049A-T

GeneID 55031

Lot No. A301-049A-T-1



<b>APPLICATIONS</b>	IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Chicken
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to USP47 immobilized on solid support.

The epitope recognized by A301-049A-T maps to a region between residue 1237 and the C-terminus (residue 1287) of human ubiquitin specific peptidase 47 using the numbering given in entry NP\_060414.3 (GeneID 55031).

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. Use rabbit anti-USP47 antibody A301-048A-T.

Immunoprecipitation 2 - 5 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 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).

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-049A-T>

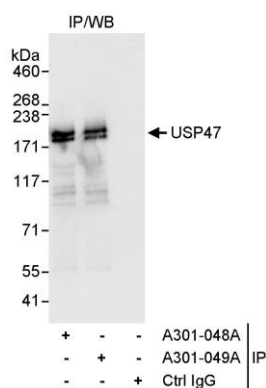
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

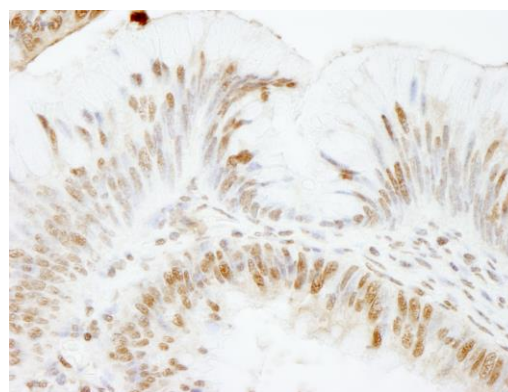
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human USP47 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibody:* Affinity purified rabbit anti-USP47 antibody A301-049A-T used for IP at 3 µg/mg lysate. USP47 was also immunoprecipitated by rabbit anti-USP47 antibody A301-048A, which recognizes an upstream epitope. For blotting immunoprecipitated USP47, A301-048A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



**Detection of human USP47 by immunohistochemistry.** *Samples:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-USP47 (Cat. No. A301-049A-T Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB.