

# NP95/UHRF1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001041666.1

Catalog No. A301-470A

GeneID 29128

Lot No. A301-470A-3



**APPLICATIONS** WB, IP, IHC

**SPECIES REACTIVITY** Human

**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 NP95/UHRF1 immobilized on solid support.

The epitope recognized by A301-470A maps to a region between residue 275 and 325 of human nuclear zinc finger protein Np95 (ubiquitin-like, containing PHD and RING finger domains, 1 ) using the numbering given in entry NP\_001041666.1 (GeneID 29128).

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 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).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

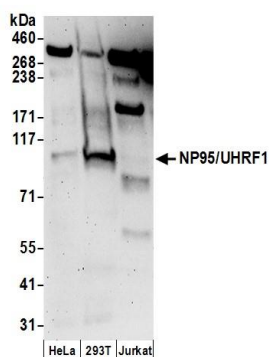
**IHC HUMAN CONTROLS** Breast Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Skin Basal Cell Carcinoma

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-470A>

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)

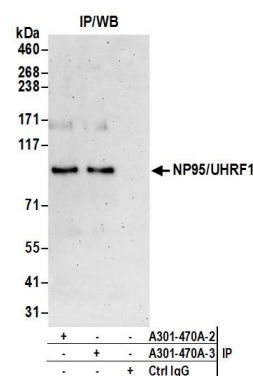
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



#### Detection of human NP95/UHRF1 by western blot.

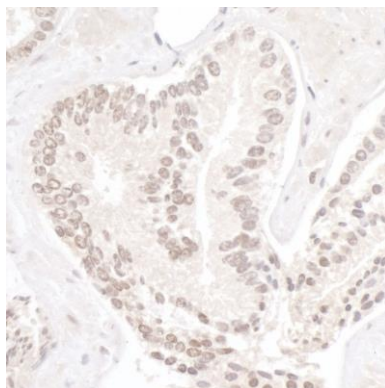
*Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer.

*Antibodies:* Affinity purified rabbit anti-NP95/UHRF1 antibody A301-470A (lot A301-470A-3) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



#### Detection of human NP95/UHRF1 by western blot of immunoprecipitates.

*Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NP95/UHRF1 antibody A301-470A (lot A301-470A-3) used for IP at 6 µg per reaction. NP95/UHRF1 was also immunoprecipitated by a previous lot of this antibody (lot A301-470A-2). For blotting immunoprecipitated NP95/UHRF1, A301-470A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human NP95/UHRF1 by immunohistochemistry.** *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-NP95/UHRF1 (Cat. No. A301-470A Lot3) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB