Exportin-5 Antibody

Rabbit Polyclonal

Antigen Affinity Purified NP 065801.1 Protein ID

Catalog No. A303-991A GeneID 57510

Lot No. A303-991A-1

APPLICATIONS WB. IP. IHC

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 ul

CONCENTRATION $1000 \mu g/ml$

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG **ORIGIN USA**

PRODUCTION Antibody was affinity purified using an epitope specific to Exportin-5 immobilized on solid **PROCEDURES**

support.

The epitope recognized by A303-991A maps to a region between residue 1154 to 1204 of

human Exportin 5 using the numbering given in entry NP 065801.1 (GeneID 57510).

Antibody 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 1:500 - 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. \$100-020),

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, Ovarian Carcinoma

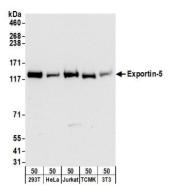
ADDITIONAL INFO https://www.bethyl.com/product/A303-991A

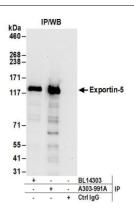
Use the link above to view SDS, a current list of citations, and other product specific information.

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

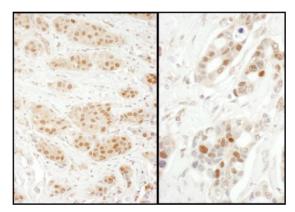






Detection of human and mouse Exportin-5 by western blot. Samples: Whole cell lysate (50 μg) from HEK293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-Exportin-5 antibody A303-991A (lot A303-991A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

Detection of human Exportin-5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-Exportin-5 antibody A303-991A (lot A303-991A-1) used for IP at 6 μg/mg lysate. Exportin-5 was also immunoprecipitated by rabbit anti-Exportin-5 antibody BL14303. For blotting immunoprecipitated Exportin-5, A303-991A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human Exportin-5 by immunohistochemistry. *Samples:* FFPE sections of human breast carcinoma (left) and ovarian carcinoma (right). *Antibody:* Affinity purified rabbit anti- Exportin-5 (Cat. No. A303-991A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB