

NUDC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006591.1

Catalog No. A304-526A

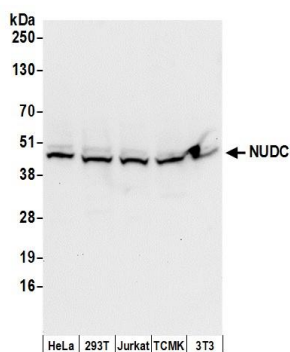
GeneID 10726

Lot No. A304-526A-1



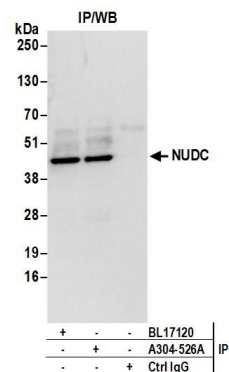
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Chicken						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NUDC immobilized on solid support. The epitope recognized by A304-526A maps to a region between residue 281 to 331 of human Nuclear Distribution C Homolog using the numbering given in entry NP_006591.1 (GeneID 10726). 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	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.
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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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma						
IHC MOUSE CONTROLS	Renal Cell Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A304-526A 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



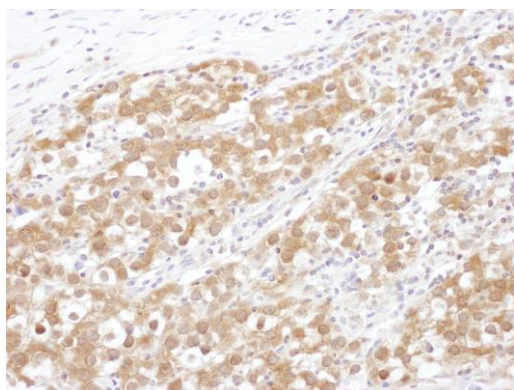
Detection of human and mouse NUDC by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NUDC antibody A304-526A (lot A304-526A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



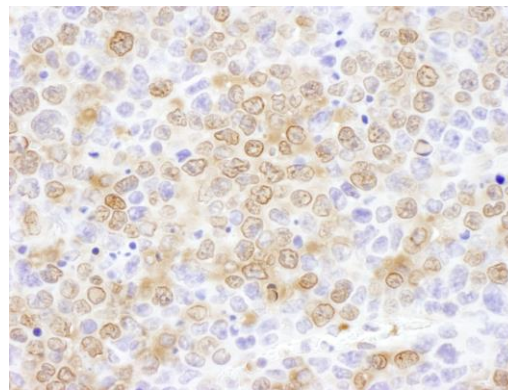
Detection of human NUDC by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NUDC antibody A304-526A (lot A304-526A-1) used for IP at 6 µg per reaction. NUDC was also immunoprecipitated by rabbit anti-NUDC antibody BL17120. For blotting immunoprecipitated NUDC, A304-526A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human NUDC by immunohistochemistry.

Sample: FFPE section of human testicular seminoma. *Antibody:* Affinity purified rabbit anti-NUDC (Cat. No. A304-526A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB



Detection of mouse NUDC by immunohistochemistry.

Sample: FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-NUDC (Cat. No. A304-526A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB