DHX8 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-624A

Lot No. A300-624A-2

Protein ID NP_004932.1

GeneID 1659

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 DHX8 immobilized on solid support. The epitope recognized by A300-624A maps to a region between residues 325 and 375 of human DEAH (Asp-Glu-Ala-His) Box Polypeptide 8 using the numbering given in entry NP_004932.1 (GeneID 1659). 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.

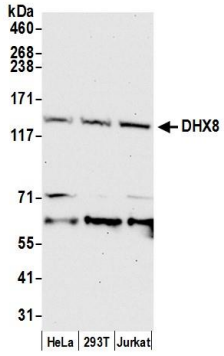
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 5 µg/mg lysate
Immunohistochemistry	1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

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, Colon Carcinoma, Laryngeal Squamous Cell Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Squamous Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-624A 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

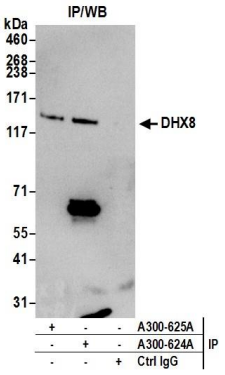
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

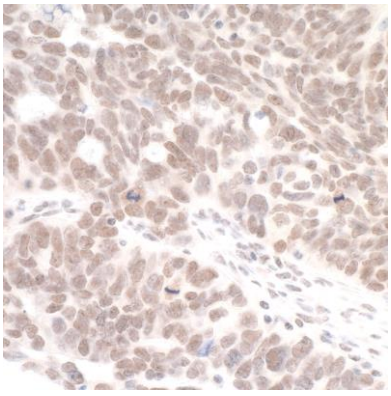
Date: June 21, 2019



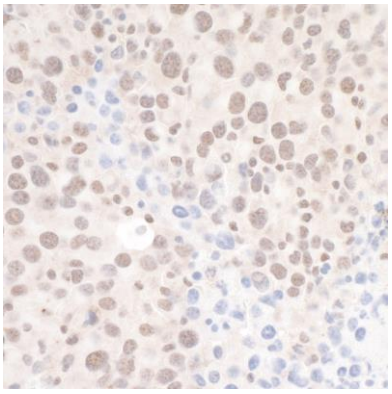
Detection of human DHX8 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DHX8 antibody A300-624A (lot A300-624A-2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human DHX8 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-DHX8 antibody A300-624A (lot A300-624A-2) used for IP at 3 µg per reaction. DHX8 was also immunoprecipitated by rabbit anti-DHX8 antibody A300-625A. For blotting immunoprecipitated DHX8, A300-624A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DHX8 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:*Affinity purified rabbit anti-DHX8 antibody (A300-624A lot 2) used at 1:1000 (0.2 µg/ml). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse DHX8 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:*Affinity purified rabbit anti-DHX8 antibody (A300-624A lot 2) used at 1:1000 (0.2 µg/ml). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).