

DHX33 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_064547.2

Catalog No. A300-799A

GeneID 56919

Lot No. A300-799A-2



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
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 DHX33 immobilized on solid support.

The epitope recognized by A300-799A maps to a region between residue 1 and 50 of human DEAH (Asp-Glu-Ala-His) Box Polypeptide 33 using the numbering given in entry NP_064547.2 (GeneID 56919).

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-DHX33 antibody A300-800A.

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:1,000 – 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 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).

IHC HUMAN CONTROLS Breast Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-799A>

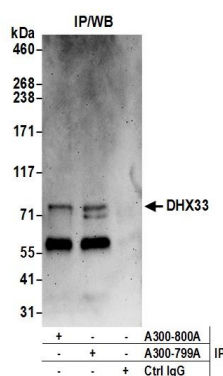
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

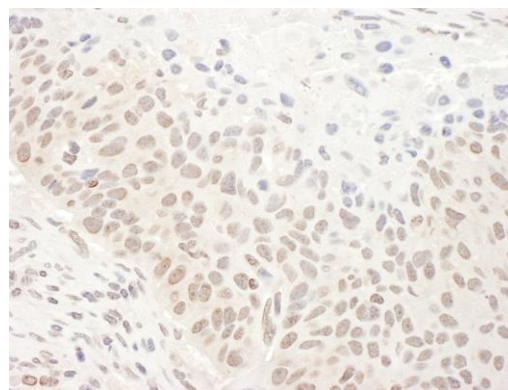
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Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human DHX33 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-DHX33 antibody A300-799A (lot A300-799A-2) used for IP at 6 μ g per reaction. DHX33 was also immunoprecipitated by rabbit anti-DHX33 antibody A300-800A. For blotting immunoprecipitated DHX33, A300-799A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DHX33 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-DHX33 (Cat. No. A300-799A Lot2) used at a dilution of 1:5,000 (0.2 μ g/ml). *Detection:* DAB *Counterstain:* IHC Hematoxylin (blue).