

DDX21 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004719.2

Catalog No. A300-627A

GeneID 9188

Lot No. A300-627A-1



APPLICATIONS	WB, IP
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 DDX21 immobilized on solid support.

The epitope recognized by A300-627A maps to a region between residues 1 and 50 of human DEAD/H (Asp-Glu-Ala-Asp/His) Box Polypeptide 21 using the numbering given in entry NP_004719.2 (GeneID 9188).

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 1 – 4 µg/mg lysate

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.

ADDITIONAL INFO <https://www.bethyl.com/product/A300-627A>

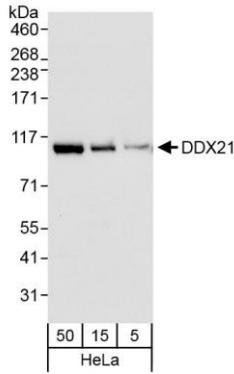
Use the link above to view SDS, a current list of citations, and other product specific information.

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

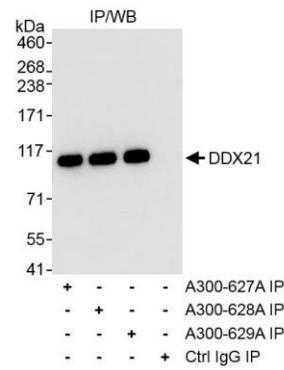
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Eric McIntush, PhD | Chief Scientific Officer

Date: November 5, 2019



Detection of human DDX21 by western blot. *Samples:* Whole cell lysate (5, 15 and 50 µg) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DDX21 antibody A300-627A (lot A300-627A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 10 seconds.



Detection of human DDX21 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DDX21 antibody A300-627A (lot A300-627A-1) used for IP at 3 µg/mg lysate. DDX21 was also immunoprecipitated using rabbit anti-DDX21 antibodies A300-628A and A300-629A at 3 µg/mg lysate. For blotting immunoprecipitated DDX21, A300-627A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 3 seconds.