

DDX41 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-050A

Lot No. A301-050A-2

Protein ID NP_057306.2

GeneID 51428



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
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 DDX41 immobilized on solid support.

The epitope recognized by A301-050A maps to a region between residue 572 and the C-terminus (residue 622) of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 using the numbering given in entry NP_057306.2 (GeneID 51428).

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 – 10 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).

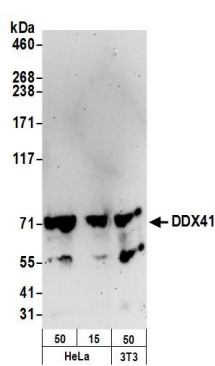
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A301-050A>

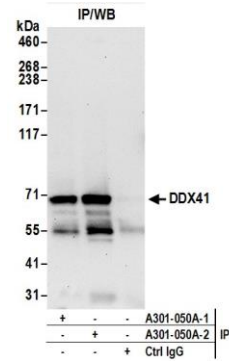
Use the link above to view SDS, a current list of citations, and other product specific information.

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 DDX41 by western blot.
Samples: Whole cell lysate from HeLa (50, 15 µg) and mouse NIH 3T3 (50 µg) cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DDX41 antibody A301-050A (lot A301-050A-2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DDX41 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DDX41 antibody A301-050A (lot A301-050A-2) used for IP at 6 µg per reaction. DDX41 was also immunoprecipitated by a previous lot of this antibody A301-050A-1. For blotting immunoprecipitated DDX41, A301-050A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.