



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# DDX3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified      Protein ID    NP\_001347.2  
Catalog No.    A300-476A      GeneID      1654  
Lot No.      A300-476A-1



**APPLICATIONS**      WB, IP  
**SPECIES REACTIVITY**      Human  
**PRESUMED REACTIVITY**      Based on 100% sequence identity, this antibody is predicted to react with Mouse, Orangutan and Chimpanzee  
**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 DDX3 immobilized on solid support.

The epitope recognized by A300-476A maps to a region between residue 600 and the C-terminus (residue 661) of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 3 using the numbering given in entry NP\_001347.2 (GeneID 1654).

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      1:5,000 - 1:15,000

Immunoprecipitation      2 - 5 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).

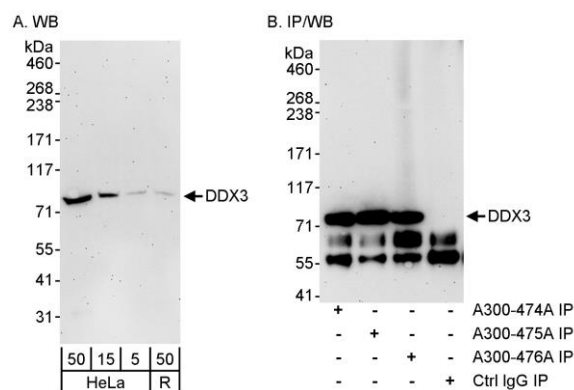
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

**ADDITIONAL INFO**      <https://www.bethyl.com/product/A300-476A>

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](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 DDX3 by western blot and immunoprecipitation.**

**Samples:** A. Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g) and Ramos (50  $\mu$ g) cells. B. Whole cell lysate (1 mg/IP; 1/4 of IP loaded/lane) from HeLa cells.

**Antibodies:** Affinity purified rabbit anti-DDX3 antibody BL1651 (Cat. No. A300-476A) used at 0.04  $\mu$ g/ml (A) and 0.1  $\mu$ g/ml (B) for western blot and at 3  $\mu$ g/mg lysate for IP (B). DDX3 was also immunoprecipitated using rabbit anti-DDX3 antibodies BL1649 (Cat. No. A300-474A) and BL1650 (Cat. No. A300-475A) at 3  $\mu$ g/mg lysate.

**Detection:** Chemiluminescence with an exposure time of 3 minutes (A and B).