

DDX47 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_057439.2

Catalog No. A302-977A

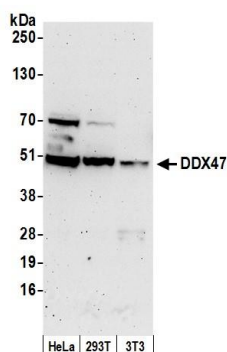
GeneID 51202

Lot No. A302-977A-2



| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human, Mouse |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Bovine |
| 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 | <p>Antibody was affinity purified using an epitope specific to DDX47 immobilized on solid support.</p> <p>The epitope recognized by A302-977A maps to a region between residue 405 and 455 of human DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 47 using the numbering given in entry NP_057439.2 (GeneID 51202).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |
| APPLICATIONS | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 10 µg/mg lysate</p> |
| APPLICATION NOTES | <p>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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.</p> |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A302-977A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p> |

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

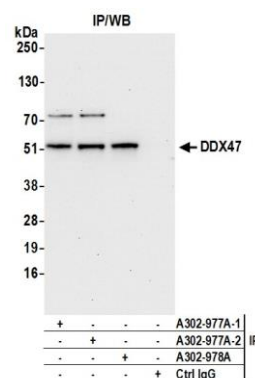


Detection of human and mouse DDX47 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.

Antibody: Affinity purified rabbit anti-DDX47 antibody A302-977A (lot A302-977A-2) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human DDX47 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.

Antibodies: Affinity purified rabbit anti-DDX47 antibody A302-977A (lot A302-977A-2) used for IP at 6 µg per reaction. DDX47 was also immunoprecipitated by a previous lot of this antibody (lot A302-977A-1) and rabbit anti-DDX47 antibody A302-978A. For blotting immunoprecipitated DDX47, A302-977A was used at 0.4 µg/ml.

Detection: Chemiluminescence with an exposure time of 30 seconds.