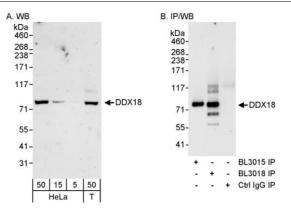
DDX18 Antibody

| Rabbit Polyclo | onal | | | | the second se | |
|---------------------------|-------|---|----------------|--------------------------------|---|--|
| Antigen Affinity Purified | | | Protein ID | NP_006764.3 | | |
| Catalog No. A300-636A | | GenelD | 8886 | | | |
| Lot No. | A300- | 636A-1 | | | LABORATORIES, INC | |
| APPLICATIONS | | WB, IP | | | | |
| SPECIES REACTIVITY | | Human | | | | |
| AMOUNT | | 100 μΙ | | | | |
| 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 | | lgG | | | | |
| ORIGIN | | USA | | | | |
| PRODUCTION | | Antibody was affinity purified using an epitope specific to DDX18 immobilized on solid support. | | | | |
| PROCEDURES | | The epitope recognized by A300-636A maps to a region between residue 625 and the C- terminus (residue 670) of human DEAD (Asp-Glu-Ala-Asp) Box Protein 18 using the numbering given in entry NP_006764.3 (GeneID 8886). | | | | |
| | | 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 | | |
| | | Immunoprecip | itation 1 - | 4 μg/mg lysate | | |
| APPLICATION N | 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/A300–636A | | | | |
| | | | | | other product specific information. | |
| | | ir-western blot | protocol: nttp | os://www.bethyl.com/content/pi | | |

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

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2



Detection of human DDX18 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg for WB) cells. *Antibodies:* Affinity purified rabbit anti-DDX18 antibody BL3018 (Cat. No. A300-636A) used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and for IP at 3 µg/mg lysate. DDX18 was also immunoprecipitated using rabbit anti-DDX18 antibody BL3015 (Cat. No. A300-635A) at 3 µg/mg lysate. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com