

# LARP4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_443111.4

Catalog No. A303-900A

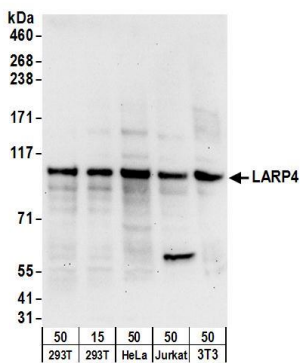
GeneID 113251

Lot No. A303-900A-1

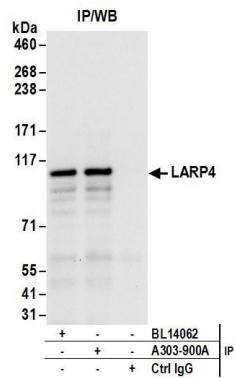


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|------------------------------|--|
| <b>APPLICATIONS</b>          | WB, IP   |
| <b>SPECIES REACTIVITY</b>    | Human, Mouse   |
| <b>AMOUNT</b>                | 100 µl   |
| <b>CONCENTRATION</b>         | 1000 µg/ml   |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8° C / 1 year from date of receipt   |
| <b>PHYSICAL STATE</b>        | Liquid   |
| <b>BUFFER</b>                | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide   |
| <b>ISOTYPE</b>               | IgG  |
| <b>ORIGIN</b>                | USA  |
| <b>PRODUCTION PROCEDURES</b> | <p>Antibody was affinity purified using an epitope specific to LARP4 immobilized on solid support.</p> <p>The epitope recognized by A303-900A maps to a region between residue 674 and 724 of human La Ribonucleoprotein Domain Family, Member 4 using the numbering given in entry NP_443111.4 (GeneID 113251).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |
| <b>APPLICATIONS</b>          | <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 1:1,000 – 1:5,000</p> <p>Immunoprecipitation 2 – 10 µg/mg lysate</p>  |
| <b>APPLICATION NOTES</b>     | <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 4-8% 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 4-8% SDS-PAGE.</p>  |
| <b>ADDITIONAL INFO</b>       | <p><a href="https://www.bethyl.com/product/A303-900A">https://www.bethyl.com/product/A303-900A</a></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: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></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 LARP4 by western blot.**  
*Samples:* Whole cell lysate from HEK293T (15 and 50 µg), HeLa (50µg), Jurkat (50µg), and mouse NIH 3T3 (50µg) cells. *Antibodies:* Affinity purified rabbit anti-LARP4 antibody A303-900A (lot A303-900A-1) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human LARP4 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-LARP4 antibody A303-900A (lot A303-900A-1) used for IP at 6 µg/mg lysate. LARP4 was also immunoprecipitated by rabbit anti-LARP4 antibody BL14062. For blotting immunoprecipitated, A303-900A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.