

Liprin- α -1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003617.1

Catalog No. A304-532A

GeneID 8500

Lot No. A304-532A-1



| | |
|------------------------------|---|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human, Mouse |
| AMOUNT | 100 μ l |
| CONCENTRATION | 1000 μ g/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 Liprin- α -1 immobilized on solid support. |

The epitope recognized by A304-532A maps to a region between residue 550 to 600 of human LAR-Interacting Protein 1 using the numbering given in entry NP_003617.1 (GeneID 8500).

Antibody 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 μ g/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).

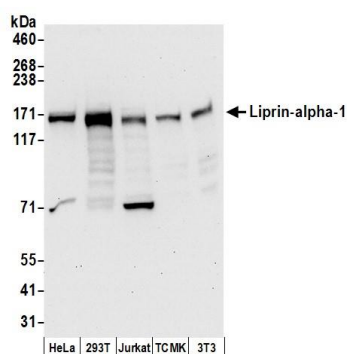
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A304-532A>

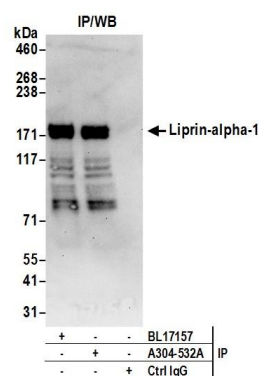
Use the link above to view SDS, a current list of citations, and other product specific information.

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 Liprin-alpha-1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Liprin-alpha-1 antibody A304-532A (lot A304-532A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human Liprin-alpha-1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Liprin-alpha-1 antibody A304-532A (lot A304-532A-1) used for IP at 6 µg per reaction. Liprin-alpha-1 was also immunoprecipitated by rabbit anti-Liprin-alpha-1 antibody BL17157. For blotting immunoprecipitated Liprin-alpha-1, A304-532A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.