

## Rabbit anti-Human, Mouse Liprin-alpha-1 Polyclonal Antibody | anti-PPFIA1 antibody

Rabbit anti-Liprin-alpha-1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA212752 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

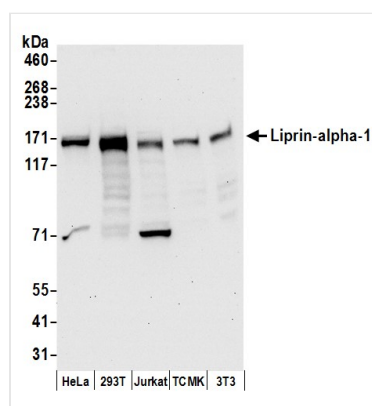
### PRODUCT SYNONYMS

Liprin-alpha-1; Polyclonal Antibody; Rabbit anti-Liprin-alpha-1 Antibody; Affinity Purified; Liprin-alpha1; PTPRF-interacting protein alpha-1; protein tyrosine phosphatase; receptor type; f polypeptide (PTPRF); interacting protein (liprin); alpha 1; protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-1; liprin-alpha-1; LIP-1; LIP1; LIP.1; LAR-interacting protein 1; LIPRIN; PTPRF interacting protein alpha 1; anti-PPFIA1 antibody

### PRODUCT SPECIFICATIONS

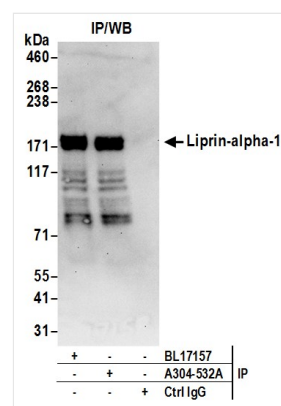
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse                                                                              |
| Clonality                                        | Polyclonal                                                                                |
| Purity/Purification                              | Antigen Affinity Purified                                                                 |
| Form/Format                                      | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                    | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-PPFIA1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                        | Between 550 and 600                                                                       |
| Conjugation                                      | Unconjugated                                                                              |
| Preparation and Storage                          | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse Liprin-alpha-1 by western blot. Samples: Whole cell lysate (50 ug) 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 AAA212752 (lot AAA212752-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IP (Immunoprecipitation)

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 AAA212752 (lot AAA212752-1) used for IP at 6 ug per reaction. Liprin-alpha-1 was also immunoprecipitated by rabbit anti-Liprin-alpha-1 antibody BL17157. For blotting immunoprecipitated Liprin-alpha-1, AAA212752 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PPFIA1 antibody | Liprin-alpha-1 is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. This protein binds to the intracellular membrane-distal phosphatase domain of tyrosine phosphatase LAR, and appears to localize LAR to cell focal adhesions. This interaction may regulate the disassembly of focal adhesion and thus help orchestrate cell-matrix interactions [taken from NCBI Entrez Gene (Gene ID: 8500)]. |
| Product Categories/Family for anti-PPFIA1 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                            |                                                |
|----------------------------|------------------------------------------------|
| NCBI GeneID                | 8500                                           |
| UniProt Accession #        | Q13136                                         |
| UniProt Protein Name       | Liprin-alpha-1                                 |
| UniProt Gene Name          | PPFIA1                                         |
| UniProt Synonym Gene Names | LIP1; LIP-1; PTPRF-interacting protein alpha-1 |
| UniProt Entry Name         | LIPA1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/liprin-alpha-1-antibody-immunoprecipitation-western-blot-elisa/212752>