

Rabbit Liprin alpha 1 Polyclonal Antibody | anti-PPFIA1 antibody

Liprin alpha 1 antibody

CATALOG # AAA107924	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Liprin alpha 1; Polyclonal Antibody; Liprin alpha 1 antibody; Polyclonal Liprin alpha 1; Anti-Liprin alpha 1; PTPRF-interacting protein alpha-1; LIP.1; FLJ42630; LAR-interacting protein 1; Liprin-alpha1; LIP1; LIPRIN; MGC26800; Liprin alpha -1; PPFIA1; FLJ41337; FLJ43474; liprin-alpha-1; anti-PPFIA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Liprin alpha 1 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.98 mg/ml (varies by lot)
Sequence Length	1202
Applicable Applications for anti-PPFIA1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein 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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: JurKat) using a 5 % SDS PAGE gel and Liprin alpha 1 antibody at a dilution of 1:10000


IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using Liprin alpha 1 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PPFIA1 antibody	Affinity purified Rabbit polyclonal Liprin alpha 1 antibody
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Product Categories/Family for anti-PPFIA1 antibody

Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505983
NCBI GeneID	8500
NCBI Accession #	NP_003617.1
NCBI GenBank Nucleotide #	NM_003626.3
UniProt Accession #	Q13136; Q13135; Q14567; Q8N4I2; A6NLE3
Molecular Weight	136 kDa
NCBI Official Full Name	liprin-alpha-1 isoform b
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1
NCBI Official Symbol	PPFIA1
NCBI Official Synonym Symbols	LIP1; LIP.1; LIPRIN
NCBI Protein Information	liprin-alpha-1
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://stage.aaabiotech.com/polyclonal/liprin-alpha-1-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107924>