

For Research Use Only

# CoraLite® Plus 647-conjugated Liprin Alpha 1 Polyclonal antibody



Catalog Number: CL647-14175

Featured Product

## Basic Information

Catalog Number:

CL647-14175

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5381

GenBank Accession Number:

BC034046

GeneID (NCBI):

8500

UNIPROT ID:

Q13136

Full Name:

protein tyrosine phosphatase,  
receptor type, f polypeptide (PTPRF),  
interacting protein (liprin), alpha 1

Calculated MW:

1202 aa, 136 kDa

Observed MW:

160 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

## Background Information

Liprin alpha 1, encoded by the PPF1A1 gene, 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. Liprin alpha 1 may regulate the disassembly of focal adhesions and thus help orchestrate cell-matrix interactions (PMID: 7796809). Alternatively spliced transcript variants encoding distinct isoforms have been described.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

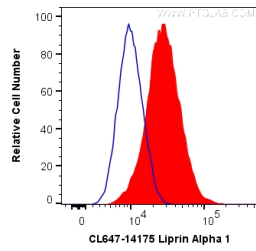
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Liprin Alpha 1 (CL647-14175) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).