

For Research Use Only

# CoraLite®594-conjugated Liprin Alpha 1 Polyclonal antibody



Catalog Number:CL594-14175

Featured Product

## Basic Information

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| <b>Catalog Number:</b><br>CL594-14175                          | <b>GenBank Accession Number:</b><br>BC034046   | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>8500  | <b>Recommended Dilutions:</b><br>IF 1:50-1:500                     |
| <b>Source:</b><br>Rabbit                                       | <b>Full Name:</b><br>protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 | <b>Excitation/Emission maximum wavelengths:</b><br>593 nm / 614 nm |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>1202 aa, 136 kDa  |  |
| <b>Immunogen Catalog Number:</b><br>AG5381                     |  |  |

## Applications

|                                      |  |
|--------------------------------------|--|
| <b>Tested Applications:</b><br>IF    | <b>Positive Controls:</b><br>IF : HepG2 cells, |
| <b>Species Specificity:</b><br>human |  |

## 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.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

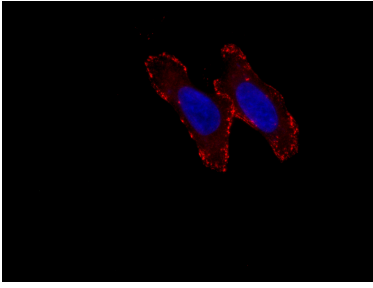
\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite@594 Liprin Alpha 1 antibody (CL594-14175) at dilution of 1:200.