

For Research Use Only

# CoraLite® Plus 488-conjugated SYAP1 Polyclonal antibody



Catalog Number:CL488-16272

Featured Product

## Basic Information

Catalog Number:

CL488-16272

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9342

GenBank Accession Number:

BC014657

GeneID (NCBI):

94056

UNIPROT ID:

Q96A49

Full Name:

synapse associated protein 1, SAP47 homolog (Drosophila)

Calculated MW:

352 aa, 40 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

SYAP1(Synapse-associated protein 1) is a human homologue of the Drosophila SAP47 (synapse associated protein), which is recognized by a monoclonal antibody that selectively stain synaptic terminals. This protein is a 352 amino acid protein that is ubiquitously expressed in adult tissues. SYAP1 contains one BSD domain which is an approximately 60 amino acid long protein domain named after the BTF2-like transcription factors, Synapse-associated proteins and DOS2-like proteins in which it is found.

## 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

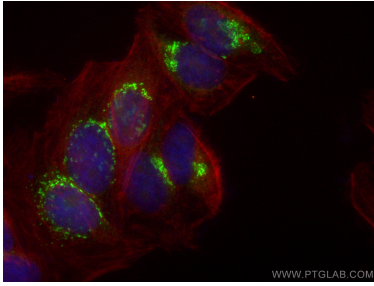
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 SYAP1 antibody (CL488-16272) at dilution of 1:200, CL594-Phalloidin (red).