

For Research Use Only

# CoraLite® Plus 488-conjugated CACYBP Polyclonal antibody



Catalog Number: CL488-11745

Featured Product

## Basic Information

Catalog Number:

CL488-11745

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2340

GenBank Accession Number:

BC022352

GeneID (NCBI):

27101

UNIPROT ID:

Q9HB71

Full Name:

calcylin binding protein

Calculated MW:

228 aa, 26 kDa

Observed MW:

26-30 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, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HEK-293 cells,

## Background Information

CACYBP(Calcylin-binding protein) is also named as S100A6BP, SIP. It is a new target 30 kDa protein that can interact with S100 proteins, including S100A6, S100A1, S100B, and S100P, but not to S100A4, calbindin D, parvalbumin or calmodulin(PMID:22295074). It may be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins and probably serves as a molecular bridge in ubiquitin E3 complex. It has 2 isoforms produced by alternative splicing and can exist as a dimer(PMID:17916393).

## 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

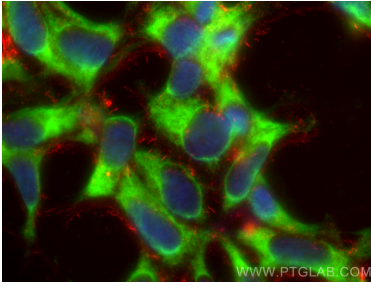
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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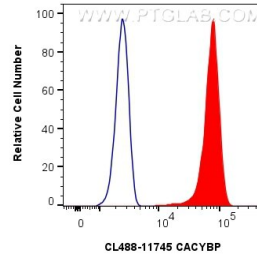
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 CACYBP antibody (CL488-11745) at dilution of 1:200, CL594-Phalloidin (red).



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated CACYBP Polyclonal antibody (CL488-11745)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).