

For Research Use Only

# CoraLite® Plus 488-conjugated PAFAH Polyclonal antibody



Catalog Number: **CL488-15526**

Featured Product

## Basic Information

Catalog Number:

CL488-15526

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7227

GenBank Accession Number:

BC038452

GeneID (NCBI):

7941

UNIPROT ID:

Q13093

Full Name:

phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)

Calculated MW:

50 kDa

Observed MW:

43-67 kDa

Purification Method:

Antigen Affinity Purified

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : RAW 264.7 cells,

## Background Information

PAFAH(platelet-activating factor acetylhydrolase, plasma) is also named as PLA2G7(phospholipase A2, group VII), Lp-PLA2 (Lipoprotein-associated phospholipase A2), LDL-PLA2, LDL-PLA and belongs to the AB hydrolase superfamily and lipase family. It is an enzyme which catalyzes the hydrolysis of acetyl ester at the sn-2 position of PAF. The family of PAF-Ahs consists of two intracellular isoforms (Ib and II), and one secreted isoform (plasma). Plasma PAF-AH is a monomeric polypeptide with a molecular weight of 45 kDa and it can show broad bands with a molecular weight of 43-67 kDa that it can be extensively N-glycosylated(PMID:12547653). Defects in PLA2G7 are the cause of platelet-activating factor acetylhydrolase deficiency (PAFAD), susceptibility to asthma (ASTHMA), susceptibility to atopic hypersensitivity (ATOPY).

## 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:

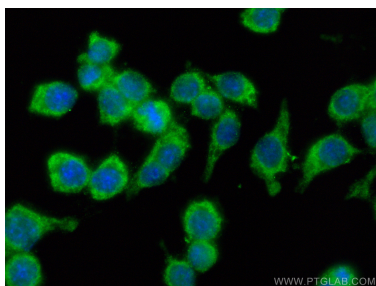
T: 4006900926

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 (-20°C Ethanol)  
fixed RAW 264.7 cells using CoraLite® Plus 488  
PAFAH antibody (CL488-15526) at dilution of 1:200.