

For Research Use Only

CoraLite® Plus 488-conjugated PACSIN2 Recombinant monoclonal antibody

Catalog Number: CL488-84763-4



Basic Information

Catalog Number:

CL488-84763-4

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0809

GenBank Accession Number:

BC008037

GeneID (NCBI):

11252

UNIPROT ID:

Q9UNF0

Full Name:

protein kinase C and casein kinase
substrate in neurons 2

Calculated MW:

56 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

242193H3

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 : HepG2 cells,

Background Information

Peripheral membrane proteins of the Bin/amphiphysin/Rvs (BAR) and Fer-CIP4 homology-BAR (F-BAR) family participate in cellular membrane trafficking (PMID: 19549836). PACSIN2 (also known as syndapin-2) is a member of the protein kinase C and casein kinase substrate in neurons (PACSIN) family, which are membrane-binding proteins characterized by an amino-terminal F-BAR domain. PACSIN2 plays a role in intracellular vesicle-mediated transport. It is involved in the endocytosis of cell-surface receptors like the EGF receptor, contributing to its internalization (PMID: 23129763). PACSIN2 also has a role in caveolae membrane sculpting (PMID: 21610094).

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

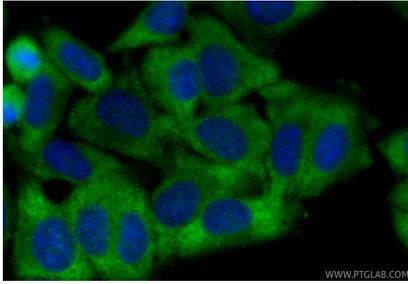
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 HepG2 cells using CoraLite® Plus 488
PACSIN2 antibody (CL488-84763-4, Clone:
242193H3) at dilution of 1:200.