

For Research Use Only

CoraLite® Plus 488-conjugated CNN2 Polyclonal antibody



Catalog Number: CL488-21073

Featured Product

Basic Information

Catalog Number:

CL488-21073

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15225

GenBank Accession Number:

BC141818

GeneID (NCBI):

1265

UNIPROT ID:

Q99439

Full Name:

calponin 2

Calculated MW:

309 aa, 34 kDa

Observed MW:

34-36 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, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Calponin is a family of actin filament-associated proteins which regulate smooth muscle cell contraction. Three isoforms of calponin exist: calponin h1 (CNN1), calponin h2 (CNN2) and calponin 3 (CNN3). Calponin 1 and calponin 2 are predominately expressed in smooth muscle cells and cardiac muscle cells, respectively. Calponin 3 is highly expressed in many tissues including articular cartilage and brain.

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:

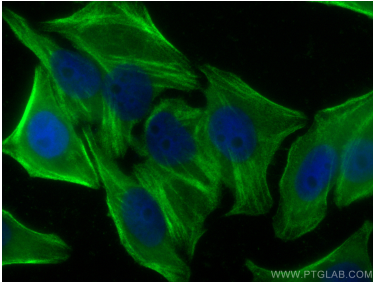
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 CNN2 antibody (CL488-21073) at dilution of 1:200.