

For Research Use Only

CoraLite® Plus 488-conjugated Calponin Polyclonal antibody



Catalog Number: CL488-13938

Basic Information

Catalog Number: CL488-13938	GenBank Accession Number: BC022015	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1264	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: calponin 1, basic, smooth muscle	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG4989	Observed MW: 35 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : C2C12 cells,
Species Specificity: human, mouse, rat	

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). CNN1 is a basic 34-kD protein specifically expressed in smooth muscle and a marker of smooth muscle cell differentiation. This antibody raised against the full-length of human CNN1 may cross-react with CNN2 and CNN3.

Storage

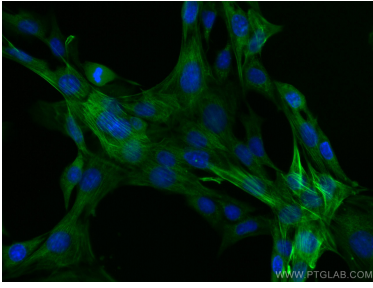
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: 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 Methanol) fixed C2C12 cells using CoraLite® Plus 488 Calponin antibody (CL488-13938) at dilution of 1:200.