

For Research Use Only

CoraLite® Plus 488-conjugated CAPRIN1 Polyclonal antibody



Catalog Number: **CL488-15112**

Featured Product

Basic Information

Catalog Number: CL488-15112	GenBank Accession Number: BC001731	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4076	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: cell cycle associated protein 1	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG	Calculated MW: 78 kDa	
Immunogen Catalog Number: AG7099	Observed MW: 116 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

CAPRIN1 (Caprin-1) is a cytoplasmic phosphoprotein which may regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types. Its levels, except in the brain, are tightly correlated with cellular proliferation. Suppression of expression of human Caprin-1 resulted in slowing of the proliferation rate, which suggests its essential for normal cellular proliferation.

Storage

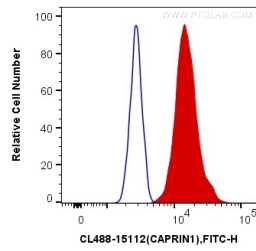
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

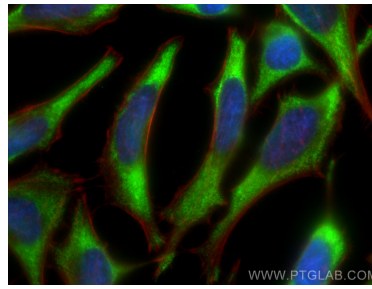
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CAPRIN1 (CL488-15112) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 CAPRIN1 antibody (CL488-15112) at dilution of 1:200, CL594-Phalloidin (red).