

For Research Use Only

CoraLite® Plus 488-conjugated FAM114A1 Polyclonal antibody



Catalog Number:CL488-21638

Basic Information

Catalog Number:

CL488-21638

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16287

GenBank Accession Number:

BC040452

GeneID (NCBI):

92689

UNIPROT ID:

Q8IWE2

Full Name:

family with sequence similarity 114,
member A1

Calculated MW:

563 aa, 61 kDa

Observed MW:

80 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, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

FAM114A1, also named as Nervous system overexpressed protein 20, is a 563 amino acid protein, which belongs to the FAM114 family. FAM114A1 localizes in the cytoplasm and may play a role in neuronal cell development. The calculated molecular weight of FAM114A1 is 61 kDa, but the modified FAM114A1 may be 70-80 kDa protein.

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:

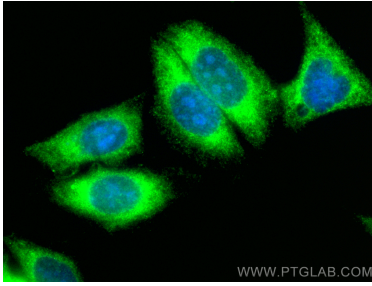
T: 4006900926

E: Proteintech-CN@ptglab.com

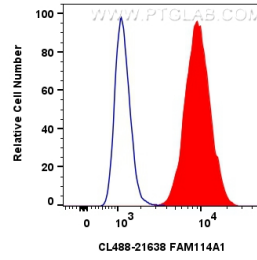
W: ptgcn.com

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 FAM114A1 antibody (CL488-21638) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated FAM114A1 Polyclonal antibody (CL488-21638) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).