

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Spartin, SPG20



Numéro de catalogue: **CL647-13791**

Phare

Informations de base

Numéro de catalogue:

CL647-13791

Taille:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4815

Numéro d'acquisition GenBank:

BC047083

Identification du gène (NCBI):

23111

Nom complet:

spastic paraplegia 20 (Troyer syndrome)

MW calculé

75 kDa, 85 kDa

MW observés:

75 kDa, 84 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Applications testées:

FC (Intra), IF

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

IF : cellules HepG2,

Informations générales

SPG20 (spastic paraplegia 20) gene encodes a multifunctional Spartin protein. SPG20 protein is highly expressed in adipose tissue and may be implicated in endosomal trafficking and microtubule dynamics. SPG20 is mutated in Troyer syndrome, a hereditary spastic paraplegia defined by degeneration of upper motor neurons, recent study showed that regulation of SPG20 on mitochondrial calcium homeostasis may contribute to the pathophysiology of Troyer syndrome. Hypermethylation of SPG20 promoter, found in colorectal cancer patients, may play a role in cytokinesis arrest in colorectal tumorigenesis.

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

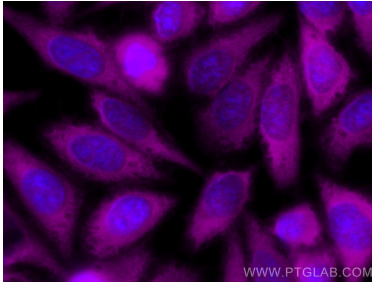
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

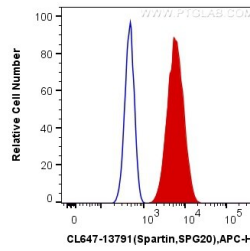
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 647 Spartin, SPG20 antibody (CL647-13791) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human Spartin, SPG20 (CL647-13791) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).