

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Spartin, SPG20



Numéro de catalogue: **CL594-13791**

Phare

## Informations de base

Numéro de catalogue:

CL594-13791

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

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 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.

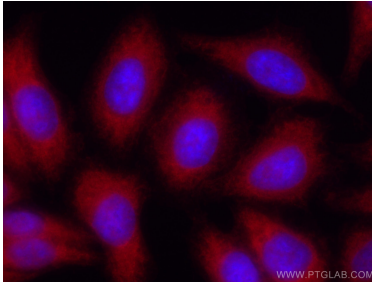
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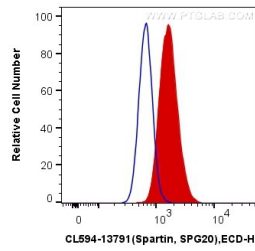
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using Coralite®594 Spartin, SPG20 antibody (CL594-13791) at dilution of 1:100.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug Coralite®594 Anti-Human Spartin, SPG20 (CL594-13791) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).