

Nur für Forschungszwecke

Spartin, SPG20 Polyklonaler Antikörper



Katalog-Nr.:CL488-13791

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.:
CL488-13791

Größe:
100ul, Konzentration: 1000 µg/ml von23111
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4815

GenBank-Zugangsnummer:
BC047083

GeneID (NCBI):
von23111

Vollständiger Name:
spastic paraplegia 20 (Troyer
syndrome)

Berechnete Masse:
75 kDa, 85 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
IF 1:50-1:500

Anregungs-/Emissionsmaxima-
Wellenlängen:
493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen:

FC (Intra), IF

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Vor Licht schützen.

Lagerungspuffer:

BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

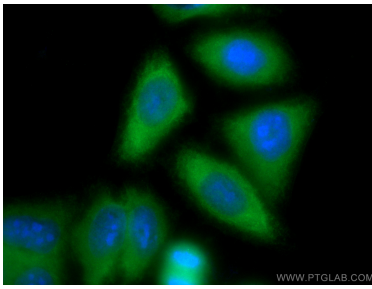
For technical support and original validation data for this product please contact:

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

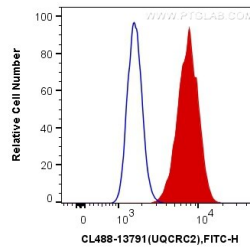
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 Spartin, SPG20 antibody (CL488-13791) at dilution of 1:100.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Spartin, SPG20 (CL488-13791) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).