

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SPAST



Numéro de catalogue: 22792-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
22792-1-AP

Taille:
150ul, Concentration: 440 µg/ml by
Bradford method using BSA as the
standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG18797

Numéro d'acquisition GenBank:
BC150260

Identification du gène (NCBI):
6683

Nom complet:
spastin

MW calculé
616 aa, 67 kDa

MW observés:
52 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IF 1:200-1:800

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules PC-3

IF : cellules HeLa,

Informations générales

SPAST encodes a microtubule-severing protein called spastin. By severing microtubules into small segments, SPAST participates in the growth and regeneration of neurites. Mutations in the SPAST gene (previously known as SPG4) are the most common causes of hereditary spastic paraplegia (HSP-SPG4). Mammalian cells express at least two spastin isoforms, a less-abundant full-length form (M1-spastin, 68 kDa) and a more highly expressed isoform (M87-spastin, 60 kDa) that lacks the N-terminal 86 amino acids of the full-length protein. Also, there are two additional 64 kDa and 55 kDa isoforms due to alternative splicing of SPG4 exon 4. This antibody recognizes all these isoforms of spastin.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yongping Chen	36414997	Acta Neuropathol Commun	WB,IF
Ying Gao	27815338	FASEB J	WB
Inna Goliand	30110633	Cell Rep	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

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

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

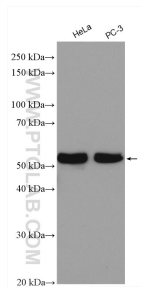
For technical support and original validation data for this product please contact:

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

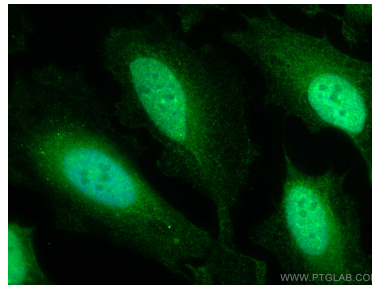
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 22792-1-AP (SPAST antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SPAST antibody (22792-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).