

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-STMN3



Numéro de catalogue: 11311-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:

11311-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1853

Numéro d'acquisition GenBank:

BC009381

Identification du gène (NCBI):

50861

Nom complet:

stathmin-like 3

MW calculé

21 kDa

MW observés:

21-25 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral humain, tissu cérébral de rat

IP : tissu cérébral de souris,

IHC : tissu de cancer du côlon humain,

Informations générales

Stathmin family phosphoproteins participate in the control of microtubule dynamics and have been proposed to be involved in the control of neuronal differentiation. Neuron specific Stathmin-3 (STMN3) is a novel STAT3 (signal transducer and activator of transcription 3) interacting protein. STAT3 is a key contributor to cancer cell migration and invasion. STMN3 exhibits microtubule-destabilizing activity, which is antagonized by STAT3. SCG10 is a widely studied and recognized neuronal differentiation marker, STMN3 is a SCG10-like protein (SCLIP) and is present from the earliest stages of hippocampal neuron differentiation in culture at vesicle-like structures following dynamic microtubules. RNAi mediated inhibition of this gene resulted in increased axonal branching.

Publications notables

Autrice	Pubmed ID	Journal	Application
Stephan Singer	19258502	Cancer Res	WB, IHC
Nicholas Rooney	32156779	Cancer Res	WB
Kelsey L Krus	35767949	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.

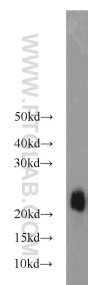
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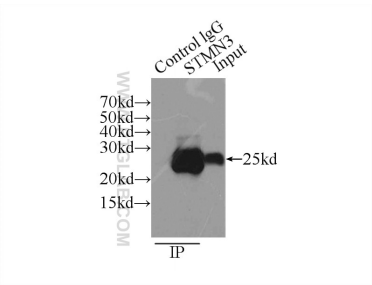
E: proteintech@ptglab.com
W: ptglab.com

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

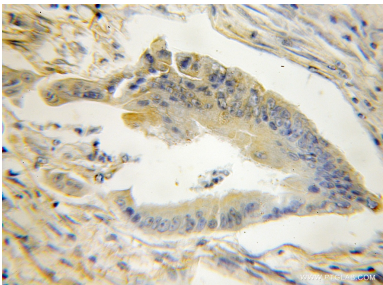
Données de validation sélectionnées



human brain tissue were subjected to SDS PAGE followed by western blot with 11311-1-AP (STMN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-STMN3 (IP:11311-1-AP, 3ug; Detection:11311-1-AP 1:2000) with mouse brain tissue lysate 8000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11311-1-AP (STMN3 antibody) at dilution of 1:50 (under 10x lens).