

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MAP1S



Numéro de catalogue: 15695-1-AP

Phare

5 Publications

## Informations de base

Numéro de catalogue:

15695-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8315

Numéro d'acquisition GenBank:

BC008806

Identification du gène (NCBI):

55201

Nom complet:

microtubule-associated protein 1S

MW calculé

806 aa, 85 kDa

MW observés:

130-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:200-1:800

IF 1:10-1:100

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293

IP : cellules SH-SY5Y,

IHC : tissu de cancer de la prostate humain, tissu de cancer du pancréas humain

IF : cellules HeLa,

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

MAP1S (also known as C19ORF5 or VCY2IP1) is a novel member of the microtubule-associated protein 1 family and a homologue of the exclusively neuronal distributed microtubule-associated protein 1A and 1B (MAP1A/B). In contrast to MAP1A and MAP1B, MAP1S is expressed in a wide range of tissues in addition to neurons. MAP1S is synthesized as a precursor protein that is partially cleaved into heavy and light chains in a tissue-specific manner. In addition, a short chain isoform may be induced under prolonged mitotic arrest or inhibition of the 26S proteasome. Recently it has been reported that the short chain isoform associates with mitochondria in addition to microtubules and causes irreversible aggregation of dysfunctional mitochondria resulting in cell death. Western blot analysis in human brain using this antibody detected two main bands between 100-130 kDa corresponding to heavy and light chains of MAP1S.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lei Wang	34782749	Cell Res	WB
Junyu Wu	27715397	Cell Cycle	WB
Kohei Arasaki	29925525	EMBO 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.

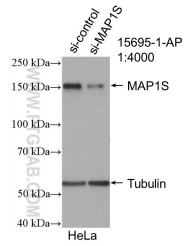
For technical support and original validation data for this product please contact:

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

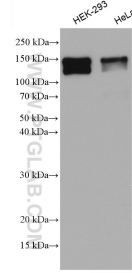
E: proteintech@ptglab.com  
W: ptglab.com

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

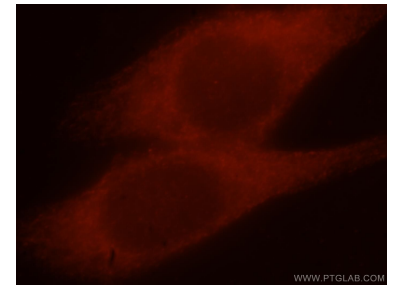
## Données de validation sélectionnées



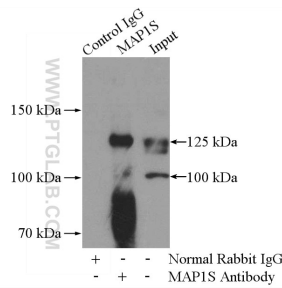
WB result of MAP1S antibody (15695-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MAP1S transfected HeLa cells.



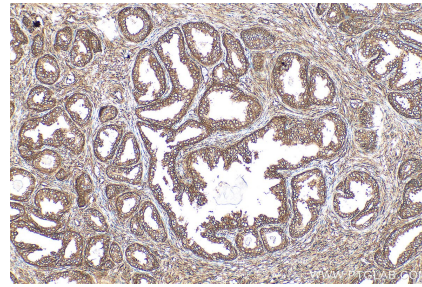
Various lysates were subjected to SDS PAGE followed by western blot with 15695-1-AP (MAP1S antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using MAP1S antibody 15695-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-MAP1S (IP:15695-1-AP, 4ug; Detection:15695-1-AP 1:500) with SH-SY5Y cells lysate 1800ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15695-1-AP (MAP1S antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).