Nur für Forschungszwecke

MAP1S Polyklonaler Antikörper

Katalog-Nr.:15695-1-AP Vorgestelltes Produkt 5 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
15695-1-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG8315

GenBank-Zugangsnummer:
BC008806

GeneID (NCBI):
55201

Vollständiger Name:
microtubule-associated protein 1S

Berechneté Masse:
806 aa, 85 kDa

Beobachteté Masse:
130-150 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:8000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB,ELISA

In Publikationen genannte Anwendungen:
IF, IP, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen

IP : SH-SY5Y-Zellen,

IHC : humanes Prostatakarzinomgewebe, humanes Pankreaskarzinomgewebe

IF : HeLa-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lei Wang	34782749	Cell Res	WB
Junyu Wu	27715397	Cell Cycle	WB
Kohei Arasaki	29925525	EMBO Rep	WB

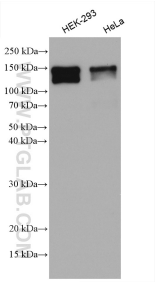
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

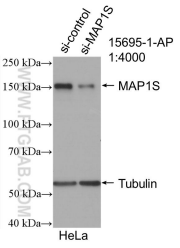
*** 20ul-Größen enthalten 0.1% BSA

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

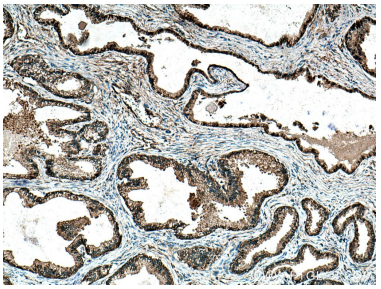
Ausgewählte Validierungsdaten



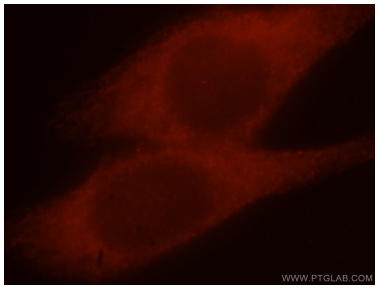
Various lysates were subjected to SDS PAGE followed by western blot with 15695-1-AP (MAP1S antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



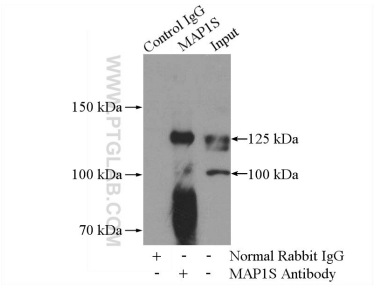
WB result of MAP1S antibody (15695-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MAP1S transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15695-1-AP (MAP1S antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.