

Nur für Forschungszwecke

# MARK2 Polyklonaler Antikörper

Katalog-Nr.:15492-1-AP

Vorgestelltes Produkt

11 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 15492-1-AP	<b>GenBank-Zugangsnummer:</b> BC008771	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 450 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 2011	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB IHC 1:200-1:800
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> MAP/microtubule affinity-regulating kinase 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 88 kDa	
<b>Immunogen Katalognummer:</b> AG7884	<b>Beobachtete Masse:</b> 77-90 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, IP, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus, Ratte

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

### Positivkontrollen:

WB : Maushirngewebe, Rattenhirngewebe

IP : Rattenhirngewebe,

IHC : humanes Prostatakarzinomgewebe, humanes Hirngewebe, Maushodengewebe

## Hintergrundinformationen

MARK2 is also named as EMK1(ELKL motif kinase 1), Par1b and belongs to the CAMK Ser/Thr protein kinase family. Par1b/MARK2 plays a critical role in neuronal polarity in the process of axon specification from multiple candidate neurites using primary cultures of mammalian hippocampal neurons(PMID:20194617). It has 16 isoforms produced by alternative promoter usage and alternative splicing with the molecular mass of 77-90kDa and can exist as a dimer(PMID:16803889).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tsz-Yin Chan	34504101	Nat Commun	IP
Lingling Wang	33094326	Endocrinology	WB
Ying Gao	27815338	FASEB J	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

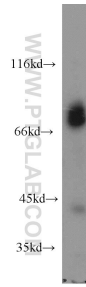
For technical support and original validation data for this product please contact:

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

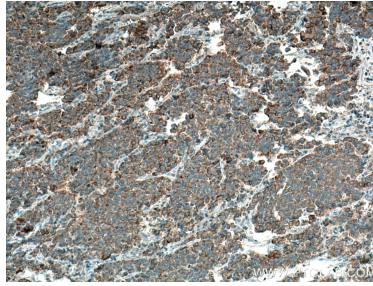
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

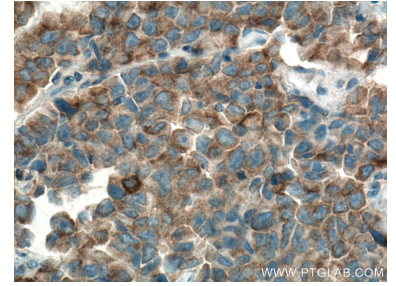
## Ausgewählte Validierungsdaten



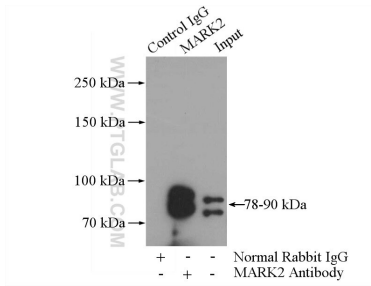
mouse brain tissue were subjected to SDS PAGE followed by western blot with 15492-1-AP (MARK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



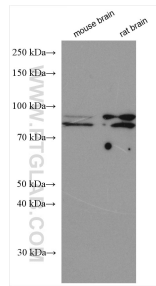
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15492-1-AP (MARK2 antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15492-1-AP (MARK2 antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-MARK2 (IP:15492-1-AP, 4ug; Detection:15492-1-AP 1:1000) with rat brain tissue lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 15492-1-AP (MARK2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.