

Nur für Forschungszwecke

# TAK1 Polyklonaler Antikörper

Katalog-Nr.:12330-2-AP

Vorgestelltes Produkt

35 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12330-2-AP	<b>GenBank-Zugangsnummer:</b> BC017715	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 6885	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000 IHC 1:100-1:400 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> mitogen-activated protein kinase kinase kinase 7	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 579 aa, 64 kDa	
<b>Immunogen Katalognummer:</b> AG3041	<b>Beobachtete Masse:</b> 64-67 kDa, 75-80 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

CoIP, IP, WB

### Getestete Reaktivität:

Hamster, Human, Maus

### Zitierte Arten:

Fisch, Hausschwein, 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:** NIH/3T3-Zellen, A2780-Zellen, A375-Zellen, A431-Zellen, CHO-Zellen, COLO 320-Zellen, HeLa-Zellen, K-562-Zellen, Mausherzgewebe, MCF-7-Zellen, SKOV-3-Zellen

**IHC:** humanes Prostatakarzinomgewebe, humanes Hirngewebe, Maushirngewebe

**IF:** NIH/3T3-Zellen,

## Hintergrundinformationen

MAP3K7(Mitogen-activated protein kinase kinase kinase 7) is also named as TAK1 and belongs to the MAP kinase kinase kinase subfamily. It plays an important role in the cascades of cellular responses evoked by changes in the environment. It has been linked to interleukin-1 receptor and tumor necrosis factor receptor signaling (PMID: 16186825). It has 4 isoforms (53-55 kDa; 64-70 kDa and 75-80 kDa) produced by alternative splicing.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Mengqiu Yuan	34472622	EMBO J	WB
Wei Liu	34675006	Diabetes	WB
Yangwei Fan	30462562	Cancer Biol Ther	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

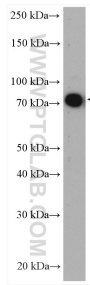
For technical support and original validation data for this product please contact:

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

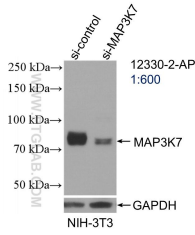
E: proteintech@ptglab.com  
W: ptglab.com

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

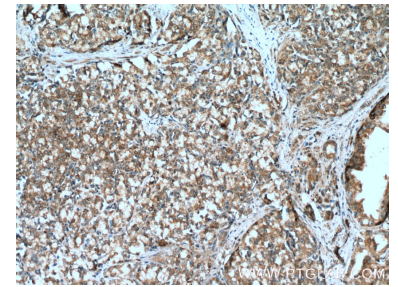
## Ausgewählte Validierungsdaten



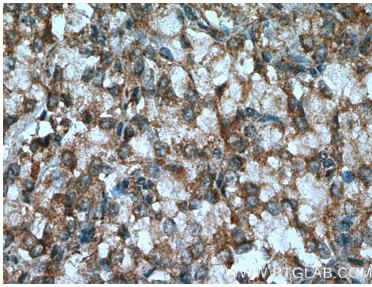
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12330-2-AP (TAK1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



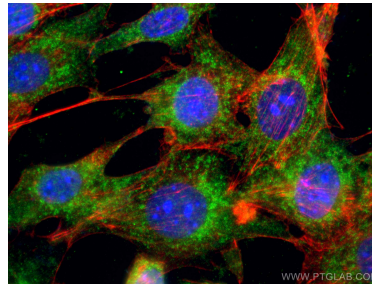
WB result of TAK1 antibody (12330-2-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TAK1 transfected NIH/3T3 cells.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 12330-2-AP (TAK1 antibody at dilution of 1:200 (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 12330-2-AP (TAK1 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using TAK1 antibody (12330-2-AP) at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).