

Nur für Forschungszwecke

# MAST3 Polyklonaler Antikörper

Katalog-Nr.:19507-1-AP



## Allgemeine Informationen

**Katalog-Nr.:**  
19507-1-AP

**Größe:**  
150ul, Konzentration: 550 µg/ml von  
Nanodrop und 333 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**GenBank-Zugangsnummer:**  
NM\_015016

**GeneID (NCBI):**  
23031

**Vollständiger Name:**  
microtubule associated  
serine/threonine kinase 3

**Berechnete Masse:**  
143 kDa

**Beobachtete Masse:**  
144 kDa

**Reinigungsmethode:**  
Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**  
WB 1:500-1:3000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:20-1:200  
IF 1:10-1:100

## Anwendungen

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

**Getestete Reaktivität:**  
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:** Jurkat-Zellen, humanes Hirngewebe,  
Maushirngewebe, Mauslungengewebe,  
Rattenhirngewebe

**IP:** Jurkat-Zellen,

**IHC:** humanes Nierengewebe,

**IF:** HepG2-Zellen,

## Hintergrundinformationen

MAST3, also named as KIAA0561, belongs to the protein kinase superfamily and AGC Ser/Thr protein kinase family. MAST3 catalyze the reaction: ATP + a protein = ADP + a phosphoprotein.

## 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**

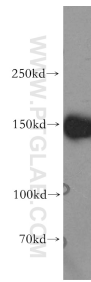
For technical support and original validation data for this product please contact:

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

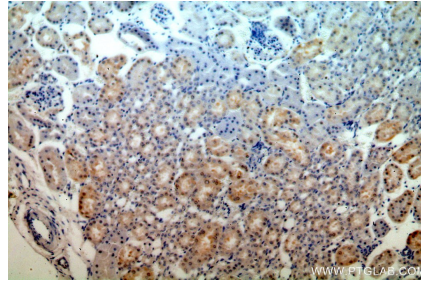
E: proteintech@ptglab.com  
W: ptglab.com

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

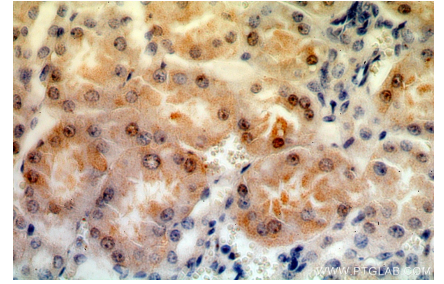
## Ausgewählte Validierungsdaten



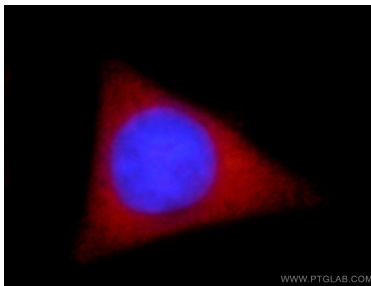
Jurkat cells were subjected to SDS PAGE followed by western blot with 19507-1-AP (MAST3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



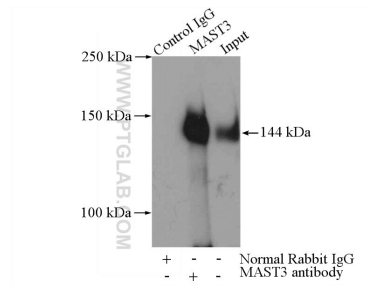
Immunohistochemical analysis of paraffin-embedded human kidney using 19507-1-AP (MAST3 antibody) at dilution of 1:100 (under 10x lens).



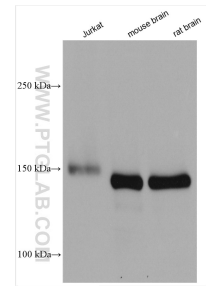
Immunohistochemical analysis of paraffin-embedded human kidney using 19507-1-AP (MAST3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using MAST3 antibody 19507-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MAST3 (IP:19507-1-AP, 4ug; Detection:19507-1-AP 1:500) with Jurkat cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 19507-1-AP (MAST3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.