

Nur für Forschungszwecke

# MATR3 Polyklonaler Antikörper

Katalog-Nr.:12202-2-AP

8 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12202-2-AP	<b>GenBank-Zugangsnummer:</b> BC015031	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 350 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 9782	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:250-1:1000 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> matrin 3	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 847 aa, 95 kDa	
<b>Immunogen Katalognummer:</b> AG2843	<b>Beobachtete Masse:</b> 125 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : MCF-7-Zellen,
<b>In Publikationen genannte Anwendungen:</b> IF, IP, WB	<b>IHC :</b> humanes Lungenkarzinomgewebe, Maushodengewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>IF :</b> HepG2-Zellen, HEK-293-Zellen
<b>Zitierte Arten:</b> Human, Maus	

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

## Hintergrundinformationen

MATR3, known as KIAA0723, is a 847 amino acid protein, which may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. MATR3 was originally identified as a nuclear matrix protein containing both DNA and RNA binding domains (PMID: 2033075) with a wide variety of functions ranging from DNA damage response to transcriptional and post-transcriptional regulation of cellular and viral RNAs (PMID: 21771346). the calculated molecular weight of MATR3 is 94 kDa, but we detect a 125 kDa protein as result from PMID: 28977530.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Haiyan An	31636118	J Cell Biol	WB
Hiroaki Suzuki	31582731	Cell Death Dis	WB
Zewei Sun	36368640	Clin Immunol	WB,IF,IP

## Lagerung

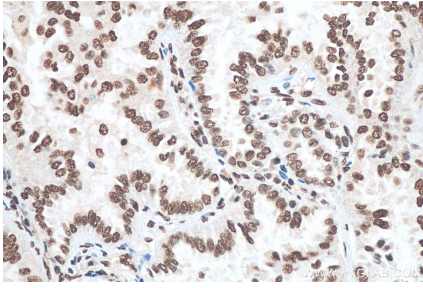
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

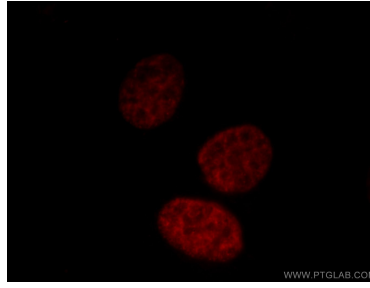
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

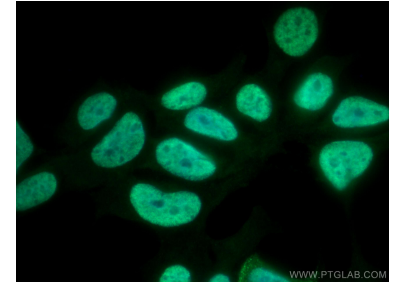
## Ausgewählte Validierungsdaten



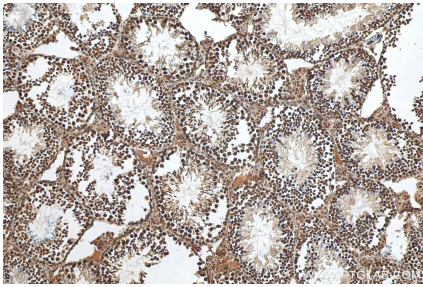
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12202-2-AP (MATR3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



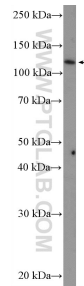
Immunofluorescent analysis of ( ) fixed HepG2 cells using 12202-2-AP (MATR3 antibody) at dilution of 1:25.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using MATR3 antibody (12202-2-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12202-2-AP (MATR3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



MCF-7 cells were subjected to SDS PAGE followed by western blot with 12202-2-AP (MATR3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.