

Nur für Forschungszwecke

# HMGN1 Polyklonaler Antikörper

Katalog-Nr.: 11695-1-AP

5 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 11695-1-AP	<b>GenBank-Zugangsnummer:</b> BC023984	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 1000 µg/ml von 3150 Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> Vollständiger Name: high-mobility group nucleosome binding domain 1	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 100 aa, 11 kDa	
<b>Isotyp:</b> IgG	<b>Beobachtete Masse:</b> 17 kDa	
<b>Immunogen Katalognummer:</b> AG2315		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : HepG2-Zellen, HeLa-Zellen
<b>In Publikationen genannte Anwendungen:</b> WB	<b>IHC :</b> humanes Nierengewebe, Mausnierengewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>IF :</b> HepG2-Zellen,
<b>Zitierte Arten:</b> Human, Maus	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

HMGN1 (high-mobility group nucleosome-binding protein 1) is a member of the HMG superfamily of nonhistone chromatin-binding proteins, which regulate chromatin structure and gene transcription. It binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. It may participate in the process which maintains transcribable genes in a unique chromatin conformation, and inhibit the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2 expressed abundantly

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Feng Wei	25205103	Cancer Res	WB
Zhili Liu	31281528	Theranostics	WB
Dan Zhang	30031066	J Proteomics	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

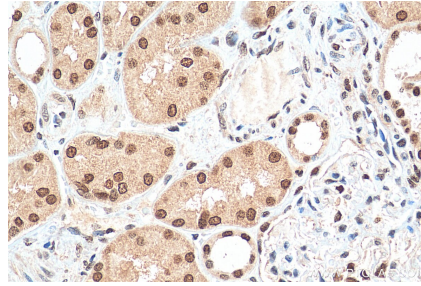
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

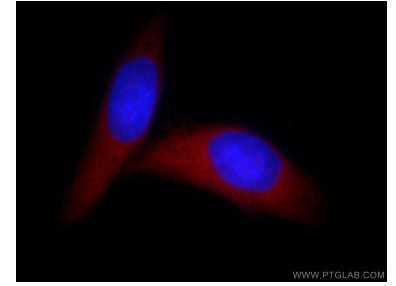
## Ausgewählte Validierungsdaten



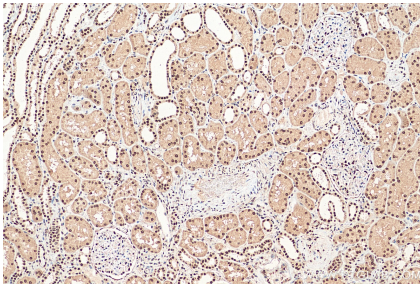
HepG2 cells were subjected to SDS PAGE followed by western blot with 11695-1-AP (HMGN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



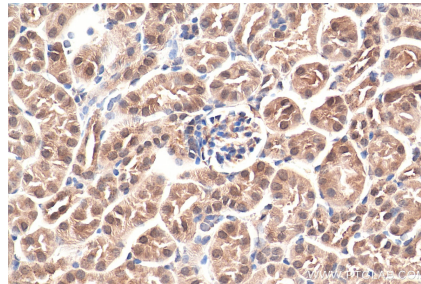
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11695-1-AP (HMGN1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



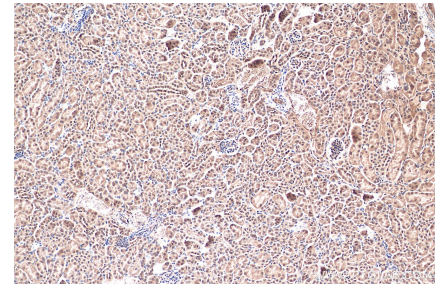
Immunofluorescent analysis of HepG2 cells, using HMGN1 antibody 11695-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11695-1-AP (HMGN1 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 mouse kidney tissue slide using 11695-1-AP (HMGN1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11695-1-AP (HMGN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).