

Nur für Forschungszwecke

# HNRNPU Polyklonaler Antikörper

Katalog-Nr.:16365-1-AP

Vorgestelltes Produkt

6 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
16365-1-AP

Größe:

150ul, Konzentration: 350 µg/ml von 3192 Nanodrop und 260 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:  
AG9151

GenBank-Zugangsnummer:  
BC003367

GeneID (NCBI):

3192  
Vollständiger Name:  
heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)

Berechnete Masse:

91 kDa

Beobachtete Masse:

120 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000  
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB  
IHC 1:20-1:200  
IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

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

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen

IP : HeLa-Zellen,

IHC : humanes Lebergewebe,

IF : HeLa-Zellen, Mausodengewebe

## Hintergrundinformationen

HNRNPU, also named as HNRPU, SAFA, and U21.1, is a 825 amino acid protein, which is extensively phosphorylated. HNRNPU as a component of ribonucleosomes localized in cytoplasmic mRNP granules containing untranslated mRNAs. HNRNPU is a component of the CRD-mediated complex that promotes MYC mRNA stabilization. HNRNPU Plays a role in the circadian regulation of the core clock component ARNTL/BMAL1 transcription. The calculated molecular weight of HNRNPU is 90 kDa, but the 120 kDa HNRNPU protein is an abundant nucleoplasmic phosphoprotein that can be crosslinked to pre-mRNA in intact cells by UV light (PMID: 1628625).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaoqing Liu	34726485	mSystems	IP,IF
Xiaozhu Tang	35260179	J Exp Clin Cancer Res	WB
Songge Xing	31331910	Cancer Res	IF

## 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

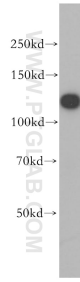
For technical support and original validation data for this product please contact:

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

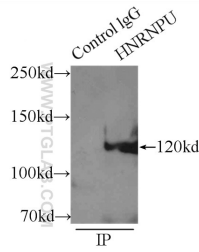
E: proteintech@ptglab.com  
W: ptglab.com

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

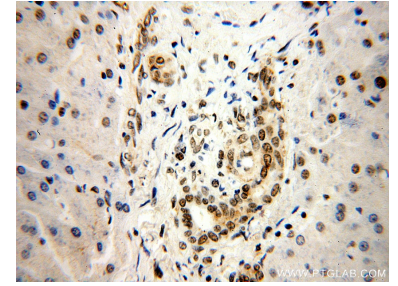
## Ausgewählte Validierungsdaten



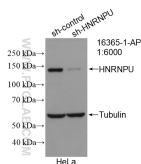
HEK-293 cells were subjected to SDS PAGE followed by western blot with 16365-1-AP (HNRNPU antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



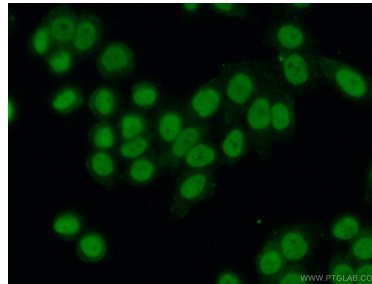
IP Result of anti-HNRNPU (IP:16365-1-AP, 3ug; Detection:16365-1-AP 1:800) with HeLa cells lysate 2000ug.



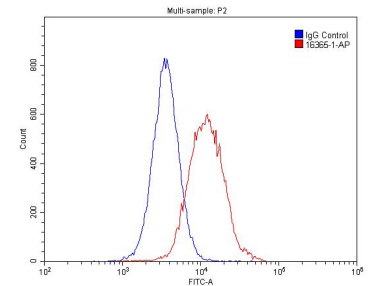
Immunohistochemical analysis of paraffin-embedded human liver using 16365-1-AP (HNRNPU antibody) at dilution of 1:100 (under 40x lens).



WB result of HNRNPU antibody (16365-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPU transfected HeLa cells.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 16365-1-AP (HNRNPU antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug HNRNPU antibody (16365-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.