

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HNRNPU



Numéro de catalogue: 16365-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:
16365-1-AP

Taille:
150ul, Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9151

Numéro d'acquisition GenBank:
BC003367

Identification du gène (NCBI):
3192

Nom complet:
heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)

MW calculé
91 kDa

MW observés:
120 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:500-1:2000
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IP : cellules HeLa,

IHC : tissu rénal de souris,

IF : cellules HeLa, tissu testiculaire de souris

Informations générales

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).

Publications notables

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

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de 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)

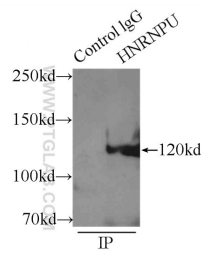
E: proteintech@ptglab.com
W: ptglab.com

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

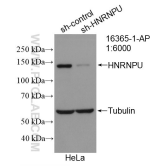
Données de validation sélectionnées



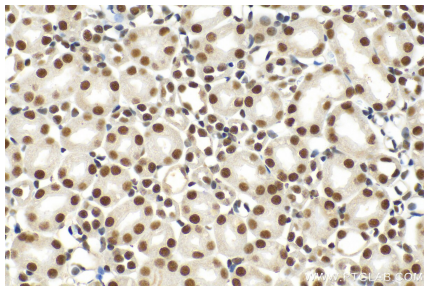
HEK-293 cells were subjected to SDS PAGE followed by western blot with 16365-1-AP (HNRNPU antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



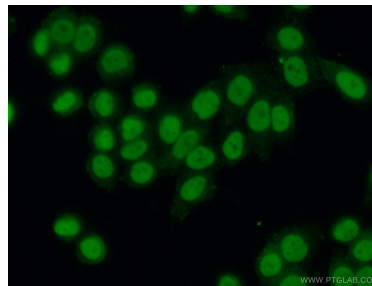
IP Result of anti-HNRNPU (IP:16365-1-AP, 3ug; Detection:16365-1-AP 1:800) with HeLa cells lysate 2000ug.



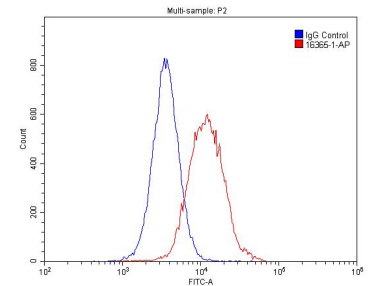
WB result of HNRNPU antibody (16365-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPU transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 16365-1-AP (HNRNPU antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1×10^6 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.