

For Research Use Only

HNRNPU Recombinant antibody, PBS Only

Catalog Number: 84964-4-PBS



Basic Information

Catalog Number: 84964-4-PBS	GenBank Accession Number: BC003621	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3192	CloneNo.: 242609C9
Source: Rabbit	UNIPROT ID: Q00839	
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	
Immunogen Catalog Number: AG6141	Calculated MW: 825 aa, 91 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, FC (Intra), Indirect ELISA

Species Specificity:
human, mouse

Background Information

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).

Storage

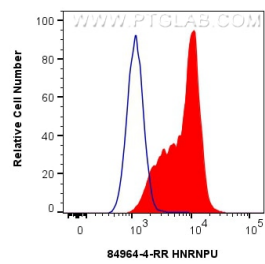
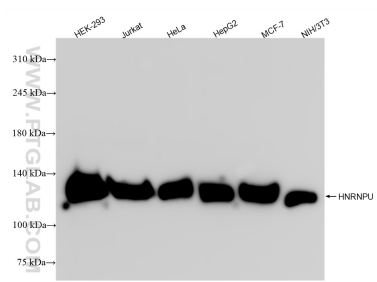
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84964-4-RR (HNRNPU antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84964-4-PBS in a different storage buffer formulation.

1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug HNRNPU Recombinant antibody (84964-4-RR, Clone:242609C9) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84964-4-PBS in a

