

For Research Use Only

# HNRNPF Monoclonal antibody

Catalog Number: 67701-1-Ig

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 67701-1-Ig	<b>GenBank Accession Number:</b> BC001432	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3185	<b>CloneNo.:</b> 2E7A4
<b>Source:</b> Mouse	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein F	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 46 kDa	
<b>Immunogen Catalog Number:</b> AG7128	<b>Observed MW:</b> 46 kDa	

## Applications

### Tested Applications:

IF, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

Human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : LNCaP cells, NIH/3T3 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, 4T1 cells

IF : HepG2 cells,

## Background Information

HNRNPF, also named as Heterogeneous nuclear ribonucleoprotein F, is a 415 amino acid protein, which contains 3 RRM (RNA recognition motif) domains. HNRNPF is expressed ubiquitously in various tissues and localizes in the nucleus. HNRNPF is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. HNRNPF plays a role in the regulation of alternative splicing events.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shui-Qiao Q Yuan	36124536	Asian J Androl	WB
Tanzina Tanu	34470577	RNA Biol	WB
Nasha Zhang	37999979	Cell Rep	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

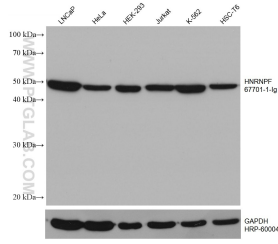
For technical support and original validation data for this product please contact:

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

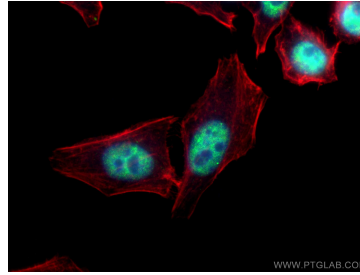
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 67701-1-Ig (HNRNPF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPF antibody (67701-1-Ig, Clone: 2E7A4) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).