

For Research Use Only

# SNRPF Polyclonal antibody

Catalog Number: 14977-1-AP



## Basic Information

<b>Catalog Number:</b> 14977-1-AP	<b>GenBank Accession Number:</b> BC002505	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 153 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6636	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> small nuclear ribonucleoprotein polypeptide F	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 10 kDa	
<b>Immunogen Catalog Number:</b> AG6889	<b>Observed MW:</b> 10 kDa	

## Applications

**Tested Applications:**  
FC, IF, IHC, WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** human heart tissue, HeLa cells, HepG2 cells, MCF-7 cells, mouse kidney tissue, mouse liver tissue

**IHC :** human breast cancer tissue,

**IF :** HeLa cells,

## Background Information

The 4 major small nuclear ribonucleoprotein particles (snRNPs), U1, U2, U4/U6, and U5, are essential components of the eukaryotic pre-mRNA splicing machinery. These snRNPs share 8 proteins which form the snRNP structural core: B/B-prime (SNRPB), D1 (SNRPD1), D2 (SNRPD2), D3 (SNRPD3), E (SNRPE), F (SNRPF), and G (SNRPG). These proteins have a role in the biogenesis of the snRNPs.

## 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**

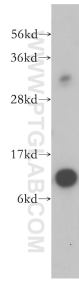
For technical support and original validation data for this product please contact:

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

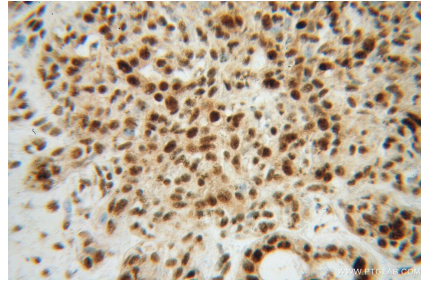
E: proteintech@ptglab.com  
W: ptglab.com

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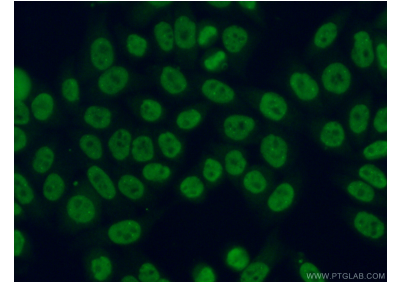
## Selected Validation Data



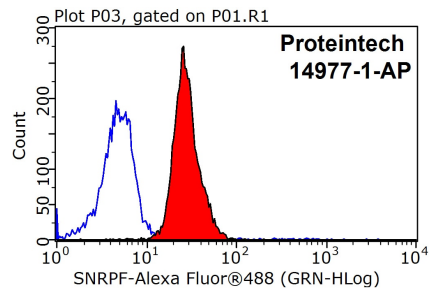
human heart tissue were subjected to SDS PAGE followed by western blot with 14977-1-AP (SNRPF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 14977-1-AP (SNRPF antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 14977-1-AP (SNRPF antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> MCF-7 cells were stained with 0.2ug SNRPF antibody (14977-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.