

For Research Use Only

# SNRPN Monoclonal antibody

Catalog Number: 67280-1-Ig



## Basic Information

<b>Catalog Number:</b> 67280-1-Ig	<b>GenBank Accession Number:</b> BC000611	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6638	<b>CloneNo.:</b> 1H2F4
<b>Source:</b> Mouse	<b>Full Name:</b> small nuclear ribonucleoprotein polypeptide N	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 240 aa, 25 kDa	
<b>Immunogen Catalog Number:</b> AG14030	<b>Observed MW:</b> 27-29 kDa	

## Applications

### Tested Applications:

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 : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat  
cells, HSC-T6 cells, NIH/3T3 cells

IHC : human colon cancer tissue,

## Background Information

SNRPN, or SNURF-SNRPN, is a bistrionic imprinted gene that encodes 2 polypeptides, the SmN splicing factor, which is involved in RNA processing, and the SNRPN upstream reading frame (SNURF) polypeptide. The SNRPN gene is transcribed exclusively from the paternally inherited chromosome and shows highest expression in brain and heart. SNRPN may play a role in etiology of Prader-Willi syndrome.

## Storage

### Storage:

Store at -20°C.

### 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

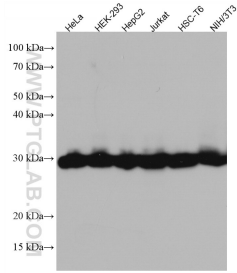
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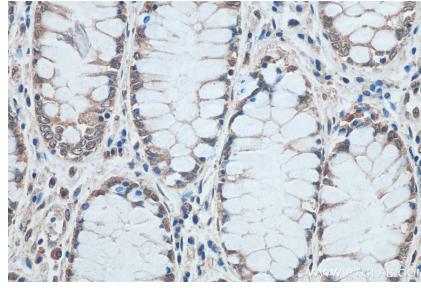
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W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67280-1-Ig (SNRPN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67280-1-Ig (SNRPN antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).