

For Research Use Only

# SNRPD3 Polyclonal antibody

Catalog Number: 10379-1-AP

2 Publications



## Basic Information

### Catalog Number:

10379-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0293

### GenBank Accession Number:

BC000457

### GeneID (NCBI):

6634

### UNIPROT ID:

P62318

### Full Name:

small nuclear ribonucleoprotein D3 polypeptide 18kDa

### Calculated MW:

18 kDa

### Observed MW:

14 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : MCF7 cells, MCF-7 cells

IHC : human small intestine tissue, human breast cancer tissue, human lung cancer tissue

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

## Background Information

Small nuclear ribonucleoprotein D3 polypeptide 18kDa (SNRPD3, synonym: SMD) belongs to the small nuclear ribonucleoprotein core protein family, with molecular weights of the D members: D1, 16 kDa; D2, 16.5 kDa and D3 18 kDa. SNRPD3 is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Baiwen Chen	34735883	Biochem Biophys Res Commun	WB
Cunha Isabela Werneck IW	20165692	Transl Oncol	IHC

## 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

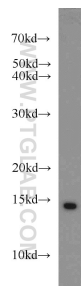
For technical support and original validation data for this product please contact:

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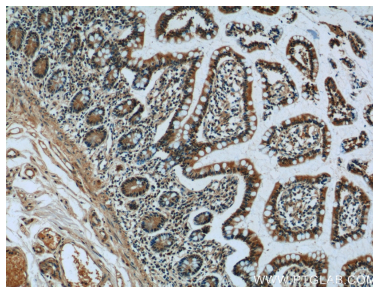
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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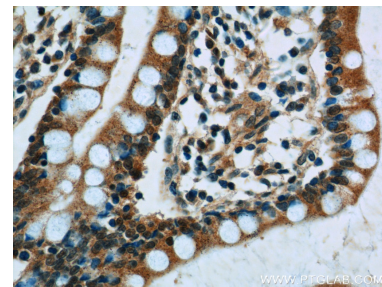
## Selected Validation Data



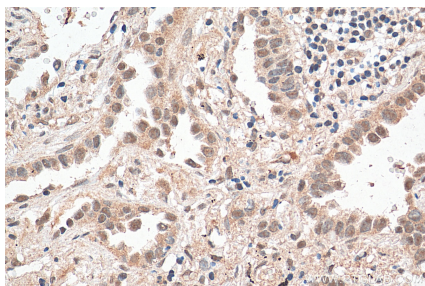
MCF7 cells were subjected to SDS PAGE followed by western blot with 10379-1-AP (SNRPD3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10379-1-AP (SNRPD3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10379-1-AP (SNRPD3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10379-1-AP (SNRPD3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).