

For Research Use Only

# SNF2L Polyclonal antibody

Catalog Number: 29461-1-AP

1 Publications



## Basic Information

### Catalog Number:

29461-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG30657

### GenBank Accession Number:

NM\_003069

### GeneID (NCBI):

6594

### UNIPROT ID:

P28370

### Full Name:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1

### Calculated MW:

123 kDa

### Observed MW:

120-130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:1000-1:4000

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

Human, mouse, rat

### Cited Species:

human

**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 : U-87 MG cells, U-251 cells, SH-SY5Y cells

IHC : mouse lung tissue, rat lung tissue

## Background Information

SNF2L, also named as SMARCA1, NURF140 and ISWI, encodes the SWI/SNF family of proteins. The encoded protein is an ATPase which is expressed in diverse tissues and contributes to the chromatin remodeling complex that is involved in transcription (PMID: 28801535). SNF2L was shown to promote neurite outgrowth as well as regulate the human engrailed homeotic genes, important regulators of brain development (PMID: 15310751). The protein may also play a role in DNA damage, growth inhibition and apoptosis of cancer cells (PMID: 25462860). SNF2L has 2 isoforms with MW of 123 kDa and 121 kDa, and can be detected as 120-130 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ge Sun	36828916	Cell Death Differ	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

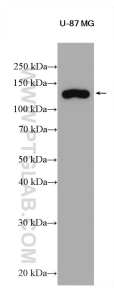
For technical support and original validation data for this product please contact:

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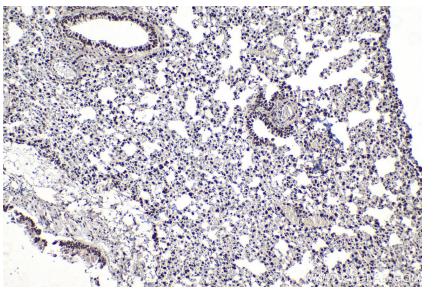
E: proteintech@ptglab.com  
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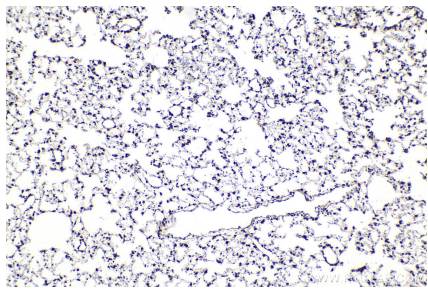
Selected Validation Data



U-87 MG cells were subjected to SDS PAGE followed by western blot with 29461-1-AP (SNF2L antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 29461-1-AP (SNF2L antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using 29461-1-AP (SNF2L antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).