

For Research Use Only

# SNF2L Polyclonal antibody

Catalog Number: 29461-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 29461-1-AP	<b>GenBank Accession Number:</b> NM_003069	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6594	<b>Recommended Dilutions:</b> WB 1:2000-1:12000 IHC 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 123 kDa	
<b>Immunogen Catalog Number:</b> AG30657	<b>Observed MW:</b> 120-130 KDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> U-87 MG cells, U-251 cells, SH-SY5Y cells
<b>Species Specificity:</b> Human	<b>IHC :</b> mouse lung tissue, rat lung tissue
<b>Cited Species:</b> human	

**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

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

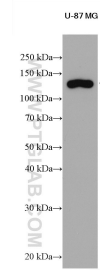
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

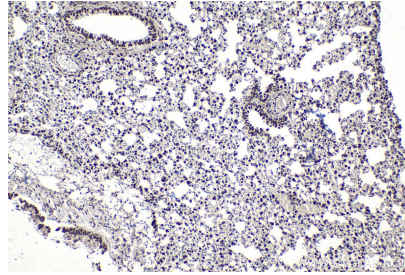
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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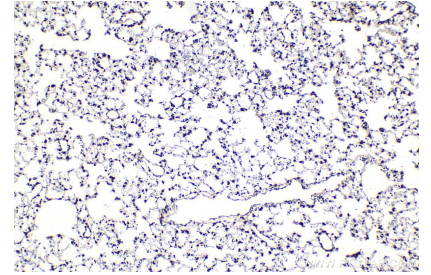
## Selected Validation Data



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).