

For Research Use Only

# PLUNC Polyclonal antibody

Catalog Number: 10413-1-AP

4 Publications



## Basic Information

Catalog Number:

10413-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0629

GenBank Accession Number:

BC012549

GeneID (NCBI):

51297

UNIPROT ID:

Q9NP55

Full Name:

palate, lung and nasal epithelium associated

Calculated MW:

27 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:400-1:1600

## Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF, IHC, ChIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

**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 : mouse lung tissue,

IP : mouse lung tissue,

IHC : mouse lung tissue, human lung cancer tissue

## Background Information

PLUNC, also named as LUNX, NASG and SPURT, belongs to the BPI/LBP/Plunc superfamily and Plunc family. PLUNC may be involved in the airway inflammatory response after exposure to irritants. It is associated with tumor progression. PLUNC plays a role in innate immune responses of the upper airways.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ling Tang	36175598	Med Oncol	WB
Huai Liu	38129408	Cell Death Dis	WB,IHC,IF,ChIP
Natalie Iannuzo	38053993	Front Immunol	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

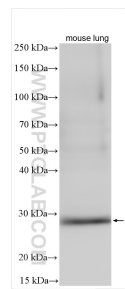
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

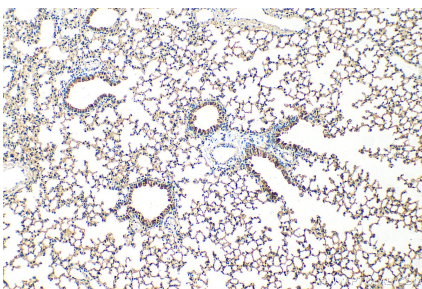
E: proteintech@ptglab.com  
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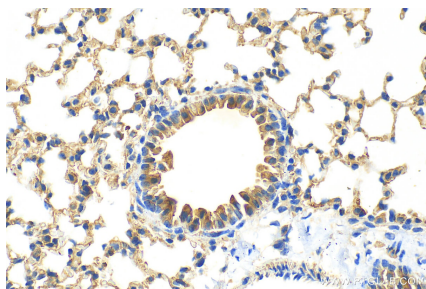
Selected Validation Data



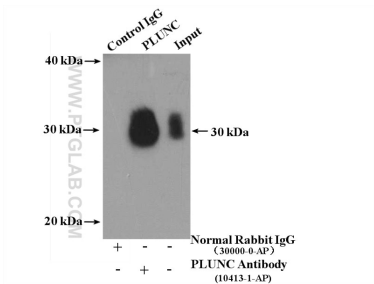
mouse lung tissue were subjected to SDS PAGE followed by western blot with 10413-1-AP (PLUNC antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 10413-1-AP (PLUNC antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 10413-1-AP (PLUNC antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PLUNC (IP:10413-1-AP, 4ug; Detection:10413-1-AP 1:300) with mouse lung tissue lysate 3600ug.