

PLUNC Polyclonal antibody

Catalog Number: 10413-1-AP

4 Publications

Basic Information

Catalog Number:

10413-1-AP

Size:

500 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:400-1:1600

Applications

Tested Applications:

IHC, IP, WB, 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

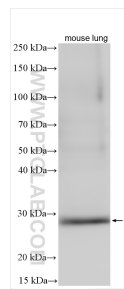
For technical support and original validation data for this product please contact:

T: 4006900926

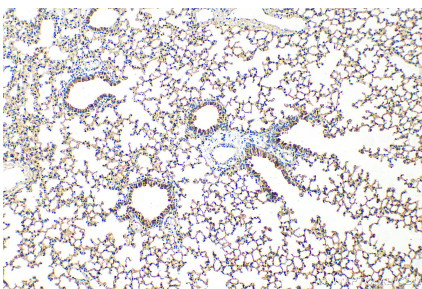
E: Proteintech-CN@ptglab.comW: ptgcn.com

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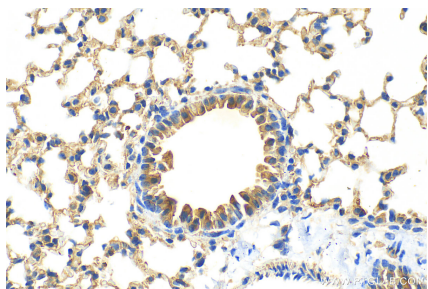
Selected Validation Data



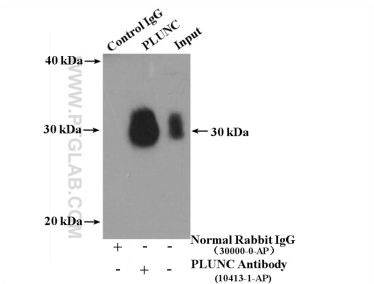
mouse lung tissue were subjected to SDS PAGE followed by western blot with 10413-1-AP (PLUNC antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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.