

For Research Use Only

PLUNC Polyclonal antibody

Catalog Number: 10413-1-AP **4 Publications**



Basic Information

Catalog Number: 10413-1-AP	GenBank Accession Number: BC012549	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 51297	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
Source: Rabbit	UNIPROT ID: Q9NP55	
Isotype: IgG	Full Name: palate, lung and nasal epithelium associated	
Immunogen Catalog Number: AG0629	Calculated MW: 27 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : mouse lung tissue, IP : mouse lung tissue, IHC : mouse lung tissue, human lung cancer tissue
Cited Applications: WB,IHC,IF,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

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

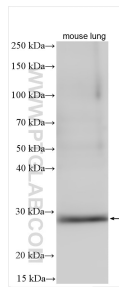
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

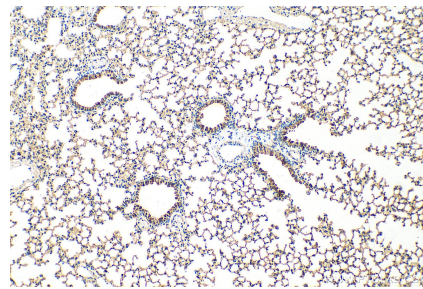
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

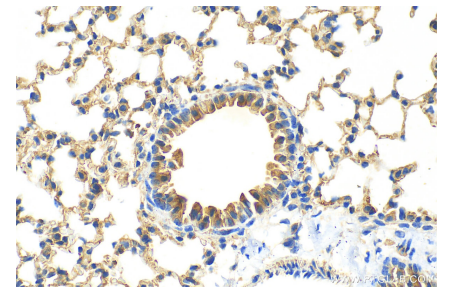
Selected Validation Data



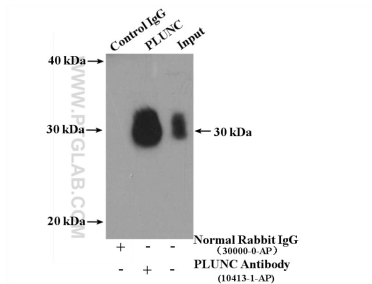
mouse lung tissue were subjected to SDS PAGE followed by western blot with 10413-1-AP (PLUNC antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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.