

For Research Use Only

# RNASE3 Polyclonal antibody

Catalog Number: 55338-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 55338-1-AP	<b>GenBank Accession Number:</b> NM_002935	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6037	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:100-1:400 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P12724	
<b>Isotype:</b> IgG	<b>Full Name:</b> ribonuclease, RNase A family, 3 (eosinophil cationic protein)	
	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, IHC, ELISA	<b>Positive Controls:</b> WB : A549 cells, HepG2 cells
<b>Cited Applications:</b> IF, IHC	<b>IHC :</b> human lung cancer tissue,
<b>Species Specificity:</b> human, mouse	<b>IF :</b> HepG2 cells,
<b>Cited Species:</b> 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**

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhifeng Chen	38479305	J Pharm Biomed Anal	IHC
Yue-Long Qiao	37817225	Cell Commun Signal	IF
Jonathan G Medernach	37497566	Allergy	IF

## Storage

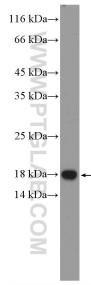
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

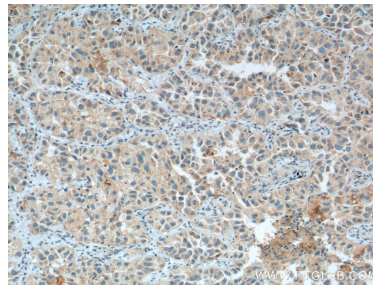
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

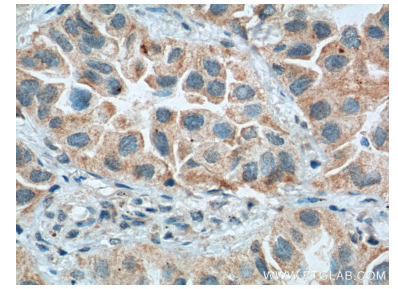
## Selected Validation Data



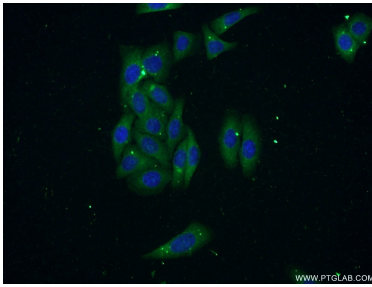
A549 cells were subjected to SDS PAGE followed by western blot with 55338-1-AP (RNASE3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55338-1-AP (RNASE3 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55338-1-AP (RNASE3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 55338-1-AP (RNASE3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).