

For Research Use Only

# PCSK7 Polyclonal antibody

Catalog Number: 12044-1-AP

1 Publications



## Basic Information

### Catalog Number:

12044-1-AP

### Size:

500 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2674

### GenBank Accession Number:

BC010696

### GeneID (NCBI):

9159

### UNIPROT ID:

Q16549

### Full Name:

proprotein convertase  
subtilisin/kexin type 7

### Calculated MW:

785 aa, 86 kDa

### Observed MW:

68 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : mouse spleen tissue, mouse thymus tissue

IHC : human lymphoma tissue,

**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

PCSK7(Proprotein convertase subtilisin/kexin type 7) is also named as LPC, PC7, PC8, SPC7 and belongs to the peptidase S8 family. It has ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RXXQ[KR]R consensus motif. The full length protein has 4 glycosylation sites and it can be N-glycosylated.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bianca E. Suur	36188622	Front Pharmacol	IHC

## 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

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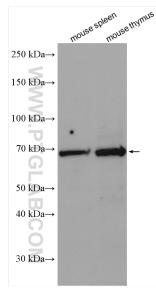
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

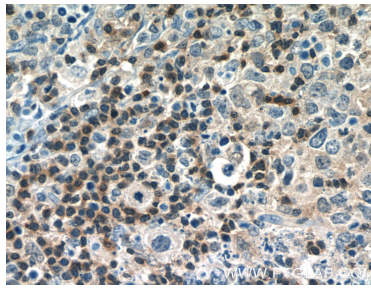
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12044-1-AP (PCSK7 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 12044-1-AP (PCSK7 Antibody) at dilution of 1:50 (under 40x Lens).