

For Research Use Only

# PCSK7 Polyclonal antibody

Catalog Number: 12044-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 12044-1-AP	<b>GenBank Accession Number:</b> BC010696	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9159	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q16549	
<b>Isotype:</b> IgG	<b>Full Name:</b> proprotein convertase subtilisin/kexin type 7	
<b>Immunogen Catalog Number:</b> AG2674	<b>Calculated MW:</b> 785 aa, 86 kDa	
	<b>Observed MW:</b> 68 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IHC	<b>WB :</b> mouse spleen tissue, mouse thymus tissue
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> human lymphoma tissue,
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

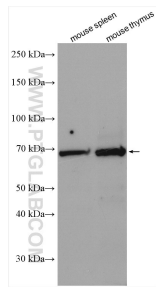
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

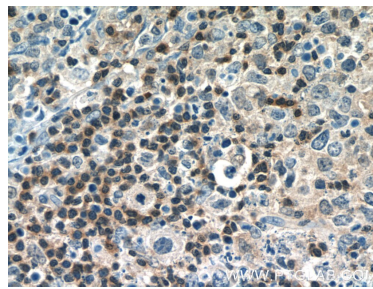
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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).