

For Research Use Only

PCSK7 Polyclonal antibody

Catalog Number: 12044-1-AP **1 Publications**



Basic Information

Catalog Number: 12044-1-AP	GenBank Accession Number: BC010696	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 9159	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: proprotein convertase subtilisin/kexin type 7	
Isotype: IgG	Calculated MW: 785 aa, 86 kDa	
Immunogen Catalog Number: AG2674	Observed MW: 68 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

human

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 spleen tissue, mouse thymus tissue

IHC : human colon cancer tissue, human lymphoma tissue

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**

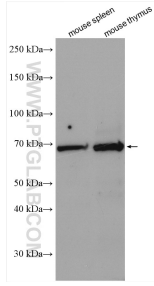
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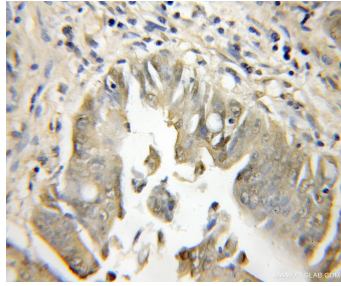
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Selected Validation Data



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 colon cancer using 12044-1-AP (PCSK7 antibody) at dilution of 1:50 (under 10x lens).