

## PCSK7 Polyclonal Antibody

Catalog number: 12044-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

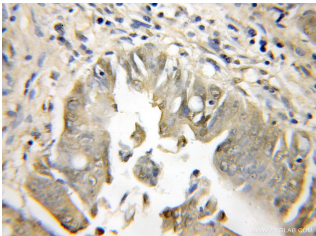
PCSK7; hPC8, LPC, Lymphoma  
proprotein convertase, PC7,

PC8, PCSK7, Prohormone

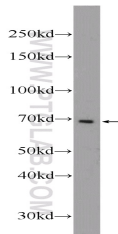
convertase 7, Proprotein

convertase 7, Proprotein

convertase 8, SPC7



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



mouse spleen tissue were subjected  
to SDS PAGE followed by western  
blot with 12044-1-AP( PCSK7  
Antibody) at dilution of 1:300

### Background

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 RXXX[KR]R consensus motif. The full length protein has 4 glycosylation sites and it can be N-glycosylated.

### Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated PCSK7 MW:	785aa,86 kDa
Observed PCSK7 MW:	68 kDa
Positive WB detected in	Mouse spleen tissue
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2674
GenBank accession number:	BC010696
Gene ID (NCBI):	9159
Full name:	Proprotein convertase subtilisin/kexin type 7

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.