

For Research Use Only

# Serpin C1/Antithrombin III Recombinant antibody

Catalog Number: 86067-4-RR



## Basic Information

Catalog Number:	86067-4-RR	GenBank Accession Number:	NM_000488.4	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	462	CloneNo.:	250574G5
Source:	Rabbit	UNIPROT ID:	P01008	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	serpin peptidase inhibitor, clade C (antithrombin), member 1		
Immunogen Catalog Number:	EG3100	Calculated MW:	53 kDa		
		Observed MW:	53 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB: mouse liver tissue, human plasma, human testis tissue, fetal human brain tissue, L02 cells, rat brain tissue, rat liver tissue
Species Specificity:	human, mouse, rat		

## Background Information

SERPINC1, also named Antithrombin III or Antithrombin, is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. More than 120 mutations have been identified for this gene, many of which are known to cause antithrombin-III deficiency.

## Storage

Storage: Store at -20°C. Stable for one year after shipment.  
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

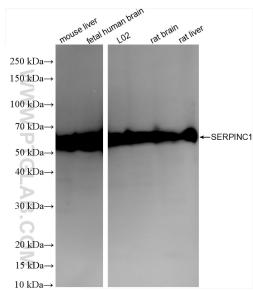
\*\*\* 20ul sizes contain 0.1% BSA

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)

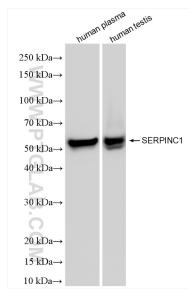
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86067-4-RR (Serpinc C1/Antithrombin III antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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