

For Research Use Only

Serpinc1 Recombinant antibody

Catalog Number: 86029-1-RR



Basic Information

Catalog Number:	86029-1-RR	GenBank Accession Number:	NM_080844.4	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	11905	CloneNo.:	250597D2
Source:	Rabbit	UNIPROT ID:	P32261	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	serine (or cysteine) peptidase inhibitor, clade C (antithrombin), member 1		
Immunogen Catalog Number:	EG2949	Calculated MW:	52 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB: mouse serum, rat serum, mouse liver tissue
Species Specificity:	mouse, rat		

Background Information

SERPINC1 is a gene encoding antithrombin, also known as antithrombin III. The main function of antithrombin is to inhibit coagulation proteases such as thrombin and factor Xa, thereby preventing excessive coagulation and maintaining normal hemostasis and blood flow. Mutations in the SERPINC1 gene can lead to antithrombin deficiency (ATD), which is an autosomal dominant genetic disorder. The expression profile/molecular weight observed is consistent with what has been described in the literature (PMID: 3609301, PMID: 25485983, PMID: 35935621).

Storage

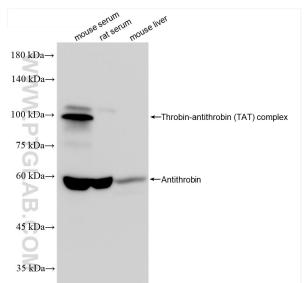
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86029-1-RR (Serpinc1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.