

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 |
| Concentration:            | 1000 µg/ml | 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:                             |
| Species Specificity: | mouse, rat | WB: mouse serum, rat serum, mouse liver tissue |

## 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**

For technical support and original validation data for this product please contact:

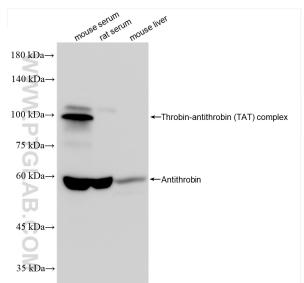
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## Selected Validation Data



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