

For Research Use Only

Mouse Serpinc1 Recombinant antibody, PBS Only

Catalog Number: 86029-1-PBS



Basic Information

Catalog Number: 86029-1-PBS	GenBank Accession Number: NM_080844.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11905	CloneNo.: 250597D2
Source: Rabbit	UNIPROT ID: P32261	
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, Indirect ELISA

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

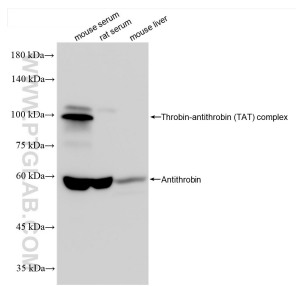
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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 86029-1-RR (Serpinc1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86029-1-PBS in a different storage buffer formulation.