

PAI-3 Rabbit pAb

CatalogNo: YT3571

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 42kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:20000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human Serpin A5. AA range: 260-309

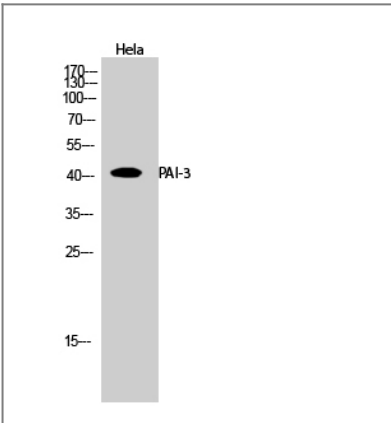
Specificity

PAI-3 Polyclonal Antibody detects endogenous levels of PAI-3 protein.

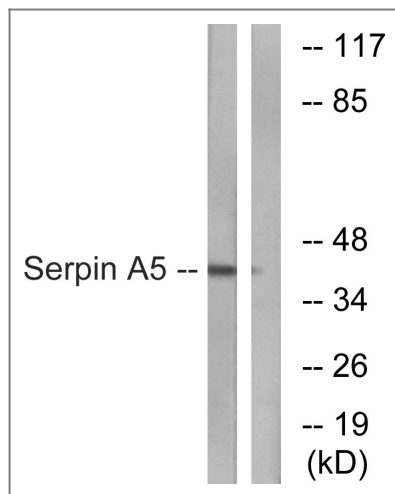
Target Information

Gene name	SERPINA5		
Protein Name	Plasma serine protease inhibitor		
	Organism	Gene ID	UniProt ID
	Human	155698 ;	P05154 ;
	Mouse		P70458 ;
Cellular Localization	Secreted, extracellular space . Localized on the plasma membrane overlying the acrosomal head of spermatozoa of ependymal spermatozoa and ejaculated sperm. Localized at the equatorial segment of acrosome-reacted spermatozoa. Localized in alpha granules in resting platelets and on the external plasma membrane and within the surface-connected cannalicular system in activated platelets.		
Tissue specificity	Predominantly expressed in the epithelium of seminal vesicles. Expressed in the proximal tubular epithelium of the kidney. Expressed in the superficial and more differentiated epidermal keratinocytes of the skin. Expressed in megakaryocytes and platelets. Expressed poorly in kidney tumor cells compared to non tumor kidney tissues. Expressed in spermatozoa. Present in very high concentration in seminal plasma. Present in high concentration in plasma, synovial and Graaf follicle fluids. Present in low concentration in breast milk and in amniotic fluids. Present in very low concentration in urine, cerebrospinal fluids, saliva and tears (at protein level). Strongly expressed in liver. Expressed in kidney, spleen, pancreas, skeletal muscle, heart, testes, ovary, interstitial Leydig cells, epididymal glands, seminal vesicles and prostate.		
Function	Function:Inhibits activated protein C as well as plasminogen activators.,similarity:Belongs to the serpin family.,tissue specificity:Expressed by the liver and secreted in plasma.,		

| Validation Data



Western Blot analysis of HeLa cells using PAI-3 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using Serpin A5 Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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PAI-3 Rabbit pAb

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