

## Rabbit anti-Human SERPINE1/PAI-1 Polyclonal Antibody | anti-SERPINE1/PAI-1 antibody

Anti-SERPINE1/PAI-1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                    |
|-----------|--------|------------|-----------------------------------------------------------------|
| AAA162259 | Rabbit | Human      | Western Blot, Neutralization Assay, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

SERPINE1/PAI-1; Polyclonal Antibody; Anti-SERPINE1/PAI-1 Antibody; Rabbit Polyclonal (IgG) to Human SERPINE1/PAI-1; SERPINE1; PAI1; PLANH1; PAI-1; Serpin E1; anti-SERPINE1/PAI-1 antibody

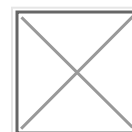
### PRODUCT SPECIFICATIONS

|                                                          |                                                                                                                                                                                                      |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                     | Rabbit                                                                                                                                                                                               |
| Reactivity                                               | Human                                                                                                                                                                                                |
| Clonality                                                | Polyclonal                                                                                                                                                                                           |
| Isotype                                                  | IgG                                                                                                                                                                                                  |
| Specificity                                              | Human PAI-1                                                                                                                                                                                          |
| Purity/Purification                                      | Immunoaffinity Purified                                                                                                                                                                              |
| Form/Format                                              | Lyophilized from PBS, pH 7.2                                                                                                                                                                         |
| Sequence Length                                          | 402                                                                                                                                                                                                  |
| Applicable Applications for anti-SERPINE1/PAI-1 antibody | WB (Western Blot), NTRL (Neutralization Assay), IHC (Immunohistochemistry), ELISA                                                                                                                    |
| Immunogen                                                | E Coli derived recombinant Human PAI-1.                                                                                                                                                              |
| Conjugation                                              | Unconjugated                                                                                                                                                                                         |
| Resuspension Liquid                                      | Sterile water                                                                                                                                                                                        |
| Preparation and Storage                                  | Store Lyophilized at room temperature up to 1 month.<br>Reconstituted for up to two weeks at 2-8 degree C.<br>Aliquot and freeze at -20 degree C for long term storage.<br>Avoid freeze/thaw cycles. |

### IMAGES



**ELISA**  
Sandwich ELISA of SERPINE1/PAI-1 antibody



**IHC (Immunohistochemistry)**  
Anti-SERPINE1/PAI-1 antibody IHC of human vascular endothelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SERPINE1/PAI-1 antibody | SERPINE1/PAI-1 is a member of the serine protein ase inhibitor(serpin) superfamily. This member is the principal inhibitor of tissueplasminogen activator (tPA) and urokinase (uPA), and hence is aninhibitor of fibrinolysis. Defects in this gene are the cause ofplasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated withthrombophilia. |
| Product Categories/Family for anti-SERPINE1/PAI-1 antibody   | Serine Protease Inhibitor                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 10835159                          |
| NCBI GeneID                      | 5054                              |
| NCBI Accession #                 | NP_000593.1                       |
| NCBI GenBank Nucleotide #        | NM_000602.4                       |
| UniProt Accession #              | P05121; B7Z4S0; F8WD53            |
| Molecular Weight                 | 43,404 Da                         |
| NCBI Official Full Name          | plasminogen activator inhibitor 1 |
| NCBI Official Synonym Full Names | serpin family E member 1          |
| NCBI Official Symbol             | SERPINE1                          |
| NCBI Official Synonym Symbols    | PAI; PAI1; PAI-1; PLANH1          |
| NCBI Protein Information         | plasminogen activator inhibitor 1 |
| UniProt Protein Name             | Plasminogen activator inhibitor 1 |
| UniProt Gene Name                | SERPINE1                          |
| UniProt Synonym Gene Names       | PAI1; PLANH1; PAI; PAI-1          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpine1-pai-1-antibody-western-blot-neutralization-assay-immunohistochemistry-elisa/162259>