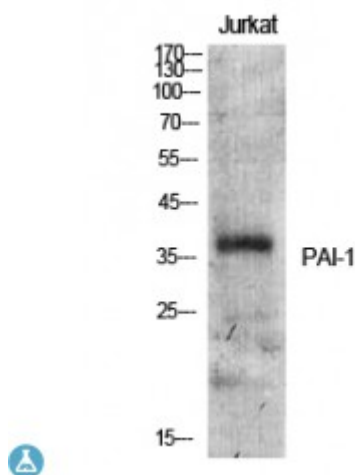


## Anti-PAI-1 antibody



|                           |                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to PAI-1.                                                                                           |
| <b>Model</b>              | STJ94934                                                                                                              |
| <b>Host</b>               | Rabbit                                                                                                                |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>       | ELISA, IHC, WB                                                                                                        |
| <b>Immunogen</b>          | Synthesized peptide derived from human PAI-1.                                                                         |
| <b>Immunogen Region</b>   | Internal                                                                                                              |
| <b>Gene ID</b>            | <a href="#">5054</a>                                                                                                  |
| <b>Gene Symbol</b>        | <a href="#">SERPINE1</a>                                                                                              |
| <b>Dilution range</b>     | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000                                                                           |
| <b>Specificity</b>        | PAI-1 Polyclonal Antibody detects endogenous levels of PAI-1 protein.                                                 |
| <b>Tissue Specificity</b> | Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells.                                    |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>       | Plasminogen activator inhibitor 1 PAI PAI-1 Endothelial plasminogen activator inhibitor Serpin E1                     |
| <b>Molecular Weight</b>   | 37 kDa                                                                                                                |
| <b>Clonality</b>          | Polyclonal                                                                                                            |

|                                         |                                                                                                                                                                                                                                                    |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>                      | Unconjugated                                                                                                                                                                                                                                       |
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                            |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                                            |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                               |
| <b>Database Links</b>                   | <a href="#">HGNC:8583OMIM:173360</a>                                                                                                                                                                                                               |
| <b>Alternative Names</b>                | Plasminogen activator inhibitor 1 PAI PAI-1 Endothelial plasminogen activator inhibitor Serpin E1                                                                                                                                                  |
| <b>Function</b>                         | Serine protease inhibitor. This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3/TMPRSS7. Its rapid interaction with PLAT may function as a major control point in the regulation of fibrinolysis. |
| <b>Cellular Localization</b>            | Secreted.                                                                                                                                                                                                                                          |
| <b>Post-translational Modifications</b> | Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg- -Met-370 bond.                                                                                                                     |

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