

Datasheet for ABIN733232

**anti-PAI1 antibody (AA 301-402) (HRP)**[Go to Product page](#)

## Overview

|                      |                                         |
|----------------------|-----------------------------------------|
| Quantity:            | 100 µL                                  |
| Target:              | PAI1 (SERPINE1)                         |
| Binding Specificity: | AA 301-402                              |
| Reactivity:          | Human                                   |
| Host:                | Rabbit                                  |
| Clonality:           | Polyclonal                              |
| Conjugate:           | This PAI1 antibody is conjugated to HRP |
| Application:         | Western Blotting (WB), ELISA            |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PAI-1 |
| Isotype:              | IgG                                                       |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Rabbit           |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PAI1 (SERPINE1)                                                                                                                         |
| Alternative Name: | PAI-1 ( <a href="#">SERPINE1 Products</a> )                                                                                             |
| Background:       | Synonyms: PAI, PAI1, PAI-1, PLANH1, Plasminogen activator inhibitor 1, Endothelial plasminogen activator inhibitor, Serpin E1, SERPINE1 |

## Target Details

|           |                                                                                                                                                                                                                                                                |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Background: 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. |
| Gene ID:  | 5054                                                                                                                                                                                                                                                           |
| UniProt:  | <a href="#">P05121</a>                                                                                                                                                                                                                                         |
| Pathways: | <a href="#">p53 Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>                                        |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |