

Datasheet for ABIN5008275

**anti-PAI1 antibody (AA 251-350) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | PAI1 (SERPINE1)                                                                                         |
| Binding Specificity: | AA 251-350                                                                                              |
| Reactivity:          | Human, Mouse                                                                                            |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This PAI1 antibody is conjugated to AbBy Fluor® 680                                                     |
| Application:         | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PAI1/PLANH1 |
| Isotype:              | IgG                                                             |
| Cross-Reactivity:     | Human, Mouse                                                    |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Horse,Guinea Pig                          |
| Purification:         | Purified by Protein A.                                          |

## Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | PAI1 (SERPINE1)                            |
| Alternative Name: | PAI1 ( <a href="#">SERPINE1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: PAI, PAI1, PAI-1, PLANH1, Plasminogen activator inhibitor 1, Endothelial plasminogen activator inhibitor, Serpin E1, SERPINE1<br>Background: Serine protease inhibitor. This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matrilysin-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: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |