

Product datasheet

Anti-PAI1 antibody ab20562

★★★★★ 2 Abreviews 5 References

概述

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| 产品名称 | Anti-PAI1抗体 |
| 描述 | 兔多克隆抗体to PAI1 |
| 特异性 | Ab20562 recognizes Human PAI-1 both alone and in complex under reducing and native conditions. |
| 经测试应用 | 适用于: ELISA, WB |
| 种属反应性 | 与反应: Rat, Human |
| 免疫原 | Recombinant full length protein (Human PAI1). |

性能

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|------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | Preservative: None Constituents: 0.1M Sodium chloride, 0.05M Sodium phosphate, 1mM EDTA. pH 6.6 |
| 纯度 | Protein A purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab20562** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|-------|-------|--|
| ELISA | | 1/50000. |
| WB | ★★★★★ | 1/5000. Predicted molecular weight: 45 kDa. Dilution optimised using Chromogenic detection |

靶标

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| 功能 | This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid interaction with TPA may function as a major control point in the regulation of fibrinolysis. |
| 组织特异性 | Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells. |
| 疾病相关 | Defects in SERPINE1 are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1D) [MIM:613329]. It is a hematologic disorder characterized by increased bleeding after trauma, injury, or surgery. Affected females have menorrhagia. The bleeding defect is due to increased fibrinolysis of fibrin blood clots due to deficiency of plasminogen activator inhibitor-1, which inhibits tissue and urinary activators of plasminogen. Note=High concentrations of SERPINE1 seem to contribute to the development of venous but not arterial occlusions. |
| 序列相似性 | Belongs to the serpin family. |
| 翻译后修饰 | Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg- -Met-370 bond. |
| 细胞定位 | Secreted. |

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