



Polyclonal Antibody against Human Plasminogen activator inhibitor type-1

Catalog Number: 11070

Size: 100 µg

Host: Rabbit

Isotype/Preparation:

Rabbit IgG was purified by protein-G.

Immunogen:

Recombinant full-length human PAI-1 expressed in E.coli.

Specificity:

The antibody detects human PAI-1

Formulation:

Solution in PBS

Storage:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

Application/Usage:

ELISA - This antibody can be used in ELISA with the appropriate secondary reagents to detect human PAI-1

Introduction

Plasminogen activator inhibitor-1 (PAI-1) is the primary inhibitor of tissue-type and urokinase-type plasminogen activator, playing a major role in fibrinolysis. PAI-1 is mainly produced by the endothelium, but is also secreted by other tissue types, such as adipose tissue. It is normally present at low levels in plasma and tissue, but its expression and release increased in various disease states (such as a number of forms of cancer), as well as in obesity and the metabolic syndrome. PAI-1 is also involved in the pathophysiology of renal, pulmonary, cardiovascular, and metabolic diseases. Elevated local or systemic PAI-1 can also exacerbate such pathologic conditions.