

PAI-1 Polyclonal Antibody

CATALOG #:	5579-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Recombinant rat PAI-1

FORMULATION:

100 µg (0.5 mg/ml) protein A affinity purified rabbit anti-PAI-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 0.1% BSA, 0.02% thimerosal.

SPECIES REACTIVITY: Rat

STORAGE CONDITIONS:

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

BACKGROUND:

PAI-1 (plasminogen activator inhibitor-1) is originally cloned from human endothelial cell and rat hepatoma cell cDNA libraries. As a member of the serpin family of serine protease inhibitors, PAI-1 inhibits both tissue-type plasminogen activator (t-PA) and urokinase-type plasminogen activator (u-PA). High PAI-1 levels are associated with an increased risk of thromboembolic disease while PAI-1 deficiency may represent an inherited autosomal recessive bleeding disorder.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-2 µg/ml). However, the optimal conditions should be determined individually.

SPECIFICITY:

The antibody detects rat PAI-1. Cross reactivity of the antibody to other species has not been determined.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Additional Apoptosis Kits & Reagents

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
- Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- Camp & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit

Antibodies & Recombinant Proteins (manv)