

PAA532Hu01

Polyclonal Antibody to Plasminogen Activator Inhibitor 1 (PAI1)

Organism: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

8th Edition (Revised in Jun, 2013)

[PRODUCT INFORMATION]

Immunogen: PAI1, Human

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant PAI1 (His25~Pro402) expressed in *E. coli*.

USCN Accession No.: RPA532Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTDD DDKAMADIGS EF- HHPSPY
VAHLASDFGV RVFQQVAQAS KDRNVVFSY GVASVLAMLQ LTTGGETQQQ IQAAMGFKID
DKGMAPALRH LYKELMGPWN KDEISTDAI FVQRDLKLVQ GFMPHFFRLF RSTVKQVDFS
EVERARFIIN DWVKTHTKGM ISNLLGKGAV DQLTRLVLVN ALYFNGQWKT PFPDSSTHRR
LFHKSDGSTV SVPMAAQTNK FNYTEFTTPD GHYYDILELP YHGDTLSMFI AAPYEKEVPL
SALTNILSAQ LISHWKG NMT RLPRLLVLPK FSLETEVDLR KPLENLGMTD MFRQFQADFT
SLSDQEPLHV AQALQKVKIE VNESGTVASS STAVIVSARM APEEIIMDRP FLFVVRHNPT
GTVLFMGQVM EP

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against PAI1. It has been selected for its ability to recognize PAI1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

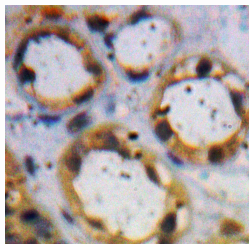
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

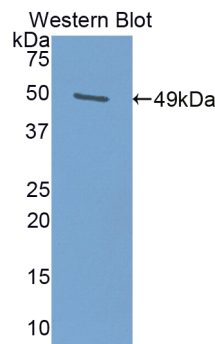
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[**IMAGES**]



**Used in DAB staining on formalin fixed
paraffin-embedded kidney tissue**



**Used in Western Blot, Sample:
Recombinant PAI1, Human**

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant PAI1 (His25~Pro402) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.