

PAI-2 (V307) polyclonal antibody

Catalog: BS3702

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PAI-1 and PAI-2 (for plasminogen activator inhibitor-1 and -2) are members of the serpin serine proteinase inhibitor family. PAI-1 and PAI-2 have been shown to regulate uPA (urokinase-type plasminogen activator) and TPA (tissue plasminogen activator), resulting in the inhibition of proteolytic activity. PAI-2 occurs in secreted and cytosolic forms through facultative polypeptide translocation. uPA is a serine proteinase that is a member of the Trypsin family. uPA is responsible for the cleavage of plasminogen at the Arg-Val bond to produce plasmin. uPA consists of two chains designated A and B. The A chain can be cleaved, resulting in low and high molecular mass forms of uPA.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P05120

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

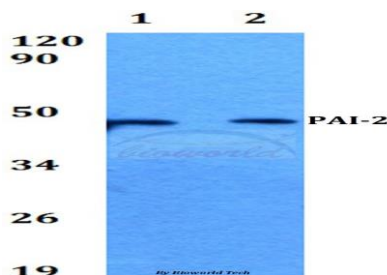
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PAI-2 (V307) polyclonal antibody detects endogenous levels of PAI-2 protein.

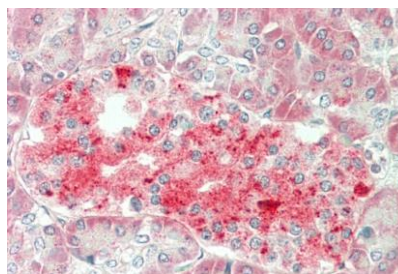
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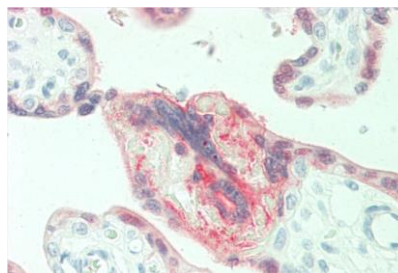
Western blot (WB) analysis of PAI-2 (V307) polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of PAI-2 (V307) pAb in paraffin-embedded human pancreas islets tissue at 1:70.



Immunohistochemistry (IHC) analyzes of PAI-2 (V307) pAb in paraffin-embedded human placenta tissue at 1:70.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151