uPA (L239) polyclonal antibody

Catalog: BS3454 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The human urokinase-type plasminogen activator receptor (uPAR) is a 55-65 kDa, highly glycosylated, GPI-anchored cell surface receptor (the deglycosylated protein is 35 kDa). It is a central player in the plasminogen activation pathway. uPAR binds with high affinity to a serine protease urokinase-type plasminogen activator (uPA) and converts plasminogen to its active form plasmin in a spatially restricted manner on the cell surface. Plasmin further carries out the activation of uPA, which is inhibited by serpins, such as plasminogen activator inhibitors. Therefore, uPAR plays a key role in regulating extracellular proteolysis. In addition, uPAR plays an important role in regulating cell proliferation, adhesion, and mobility. Research studies have shown that overexpression of uPAR is found in various cancer cells and tissues.

Product:

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

Molecular Weight:

~ 48 kDa

Swiss-Prot:

P00749

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

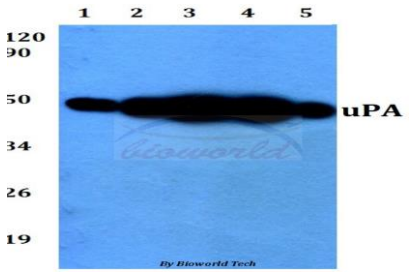
Storage&Stability:

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

Specificity:

uPA (L239) polyclonal antibody detects endogenous levels of uPA protein.

DATA:



Western blot (WB) analysis of uPA (L239) polyclonal antibody at 1:500 dilution

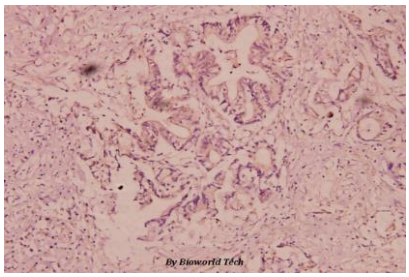
Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Lane4:A549 whole cell lysate

Lane5:sp2/0 whole cell lysate



Immunohistochemistry (IHC) analyzes of uPA (L239) pAb in paraffin-embedded human colorectal cancer carcinoma tissue at 1:100.

Note:

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

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