

Urokinase polyclonal antibody

Catalog: BS91407

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Urokinase plasminogen activator receptor (uPAR), also designated CD87, is a glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum b-globulin, plasminogen to plasmin. Plasmin, which is also designated fibrinolysin, is a Trypsin-like enzyme that acts on Arg-Lys bonds and induces pericellular proteolysis in fibrin and fibrinogen, and thereby contributes to the systematic activation of the coagulation cascade. This pathway is observed during re-epithelialization of lesions, wound healing and tissue remodeling. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial origin tumor cells and are required for tumor invasion and metastasis. Ras, MEK, ERK and MLCK function as downstream effectors in the uPAR-dependent signaling cascade, which is initiated by uPA binding, and promotes cellular migration in an integrin selective manner.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

49 kDa

Swiss-Prot:

P00749(Human) P06869(Mouse) P29598(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

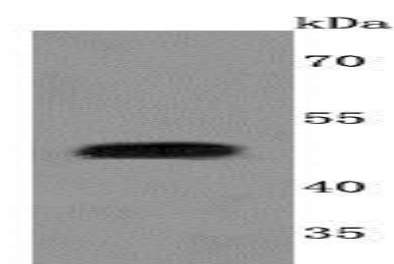
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

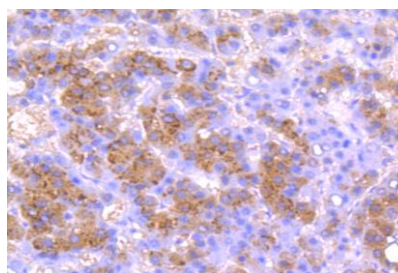
Specificity:

Urokinase polyclonal antibody detects endogenous levels of Urokinase protein.

DATA:



Western blot analysis of Urokinase on MCF-7 cells lysates using anti-Urokinase antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti-Urokinase antibody. Counter stained with hematoxylin.

Note:

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

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