

Polyclonal Antibody to Urokinase-type Plasminogen Activator (uPAR) - Purified

Catalog No.: AP00177PU-N

Quantity: 0.1 mg

Concentration: 0.5 mg/ml

Background: uPAR (Urokinase plasminogen activator receptor) is a 55 kDa glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum β -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. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial tumor cells and are required for tumor invasion and metastasis.

Host: Goat

Immunogen: Recombinant full length uPAR protein

Format: **State:** liquid

Purification: purified

Buffer System: Supplied in 1X phosphate-buffered saline (PBS)

Applications: Neutralization (2 - 4 μ g/ml).
Western blotting (0.5 - 1 μ g/ml).
Immunoprecipitation (5 - 10 μ g/ml).
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: The antibody recognizes 55 kDa uPAR.

Species: Human.

Other species not tested.

Storage: Store at -20 °C. For long term storage, aliquot and freeze at -70 °C. Avoid repeated freeze/thaw cycles. Shelf life: One year from despatch.