

Anti-uPAR Polyclonal Antibody

CATALOG NO:	3722-30T	30 µg (Trial size)
	3722-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 51 of rat uPAR (Internal ID# BV-546)	
SPECIES REACTIVITY:	Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in 1X phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

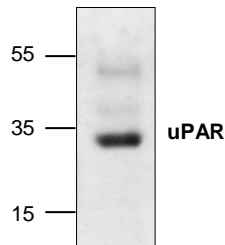
uPAR (Urokinase plasminogen activator receptor) is a 55 kDa glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum β -globulin, plasminogen to plasmin. Plasmin, which is also designated fibrinolysin, 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.

SPECIFICITY:

The antibody recognizes 33 kDa rat uPAR. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-1 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3722BP-50) is available separately.



Cat. #: 3722-100
Western blot analysis of uPAR expression in rat kidney tissue lysate.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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