

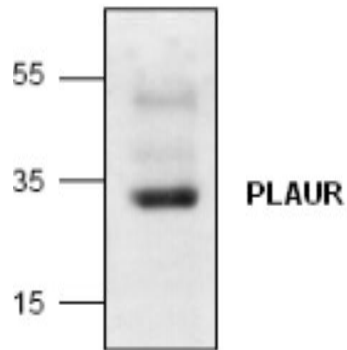
## Plaur

### Rabbit Anti-Rat Urokinase Plasminogen Activator Receptor Affinity Purified pAb

<b>Catalog No.</b>	CPU101	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Urokinase Plasminogen Activator Receptor, uPAR, CD87, URKR		
<b>Gene ID:</b>	50692		
<b>Description:</b>	Rabbit Anti-Rat PLAUR Affinity Purified polyclonal antibody. PLAUR is a 55 kDa glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (PLAU). Upon binding to PLAUR, PLAU 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. PLAU and PLAUR are known to be overexpressed in mesenchymal and epithelial tumor cells and are required for tumor invasion and metastasis.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Specificity:</b>	Recognizes 33 kDa rat PLAUR		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Synthetic peptide surrounding amino acid 51 of rat PLAUR		
<b>Formulation:</b>	Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Biospecific affinity chromatography		
<b>Cross-Reactivity:</b>	Other species not tested.		
<b>Applications:</b>	Western Blot		
<b>Application Notes:</b>	For Western Blot, use a working dilution of 0.5-1.0 µg/ml. Blocking Peptide (Cat. No. CPU101BP) is available separately. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at -20°C or in working aliquots at -80°C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		



Western Blot analysis of PLAUR expression in rat kidney tissue lysate.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.