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PLAUR

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:37kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PLAUR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

D87; UPAR; URKR

Catalog #:A1397

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5329

Isotype: IgG

Swiss Prot:Q03405

Purity: Affinity purification

For research use only.

Background:

Urokinase plasminogen activator surface receptor (uPAR, also known as PLAUR or CD87) is a 45-65 kDa, highly glycosylated, GPI-anchored membrane protein. It contains three homologous domains (D1-D3) of which the N-terminal one (D1) represents the uPA-binding domain. After binding to uPAR, urokinase plasminogen activator (uPA) cleaves plasminogen, generating the active protease plasmin which is involved in a wide variety of physiologic and pathologic processes. In addition to regulating proteolysis, uPAR has important function in cell adhesion, migration and proliferation. Studies reveal that uPAR expression is elevated during inflammation and tissue remodelling and in many human cancers, in which it frequently indicates poor prognosis. (PMID 20027185; 12461559)

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