



Catalog Number:E2121140

Product Name: uPA Receptor/U-PAR Rabbit pAb

Antibody type:Primary antibody

Conjugation:Unconjugated

Modification:Unmodification

Isotype:Rabbit IgG

Host:Rabbit

Purification:Affinity purified

Cross reactivity:Human

Gene name:PLAUR

Alternative names:CD87; UPAR; URKR; U-PAR

Gene symbol:CD87; UPAR; URKR; U-PAR

Description:This gene encodes the receptor for urokinase plasminogen activator and,given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of theextracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activatorand permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosylphosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy terminus. However, a soluble protein is also produced in some cell types.Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several posttranslational cleavage reactions that have not yet been fully defined.

Immunogen:Fusion protein of human PLAUR

Clonality:Polyclonal antibody

Function:Acts as a receptor for urokinase plasminogen activator.Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of UPA. It

is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form.

Gene ID:5329

Sensitivity:Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain.Gene expression databases

Formulation:pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

Storage:Store at -20°C.Stable for 12 months from date of receipt.

Application: WB: 1/500-1/2000; ELISA: 1/2000-1/5000; IHC: 1/50-1/200

Gene full name:Plasminogen activator, urokinase receptor

SwissProt ID:Q03405

Molecular Weight:37 kDa

