

For Research Use Only

# uPAR, PLAUR Recombinant antibody

Catalog Number: 82953-2-RR



## Basic Information

Catalog Number:

82953-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28056

GenBank Accession Number:

BC002788

GeneID (NCBI):

5329

UNIPROT ID:

Q03405

Full Name:

PLAUR

Calculated MW:

37 kDa

Observed MW:

35-50 kDa

Purification Method:

Protein A purification

CloneNo.:

230148B10

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, DU 145 cells, THP-1 cells, Saos-2 cells, PC-3 cells

## Background Information

uPAR is a highly glycosylated, GPI-anchored membrane protein. In addition to the membrane-anchored form, uPAR is released from the plasma membrane by cleavage of the GPI anchor and can be found as a soluble form (suPAR). uPAR contains three homologous domains (D1-D3) of which the N-terminal one (D1) represents the uPA-binding domain. After binding to uPAR, 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 remodeling and in many human cancers, in which it frequently indicates poor prognosis. (PMID 20027185; 12461559)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

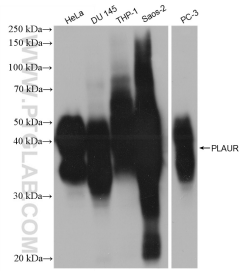
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82953-2-RR (uPAR, PLAUR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.