

For Research Use Only

uPAR/CD87 Polyclonal antibody

Catalog Number: 10286-1-AP

21 Publications



Basic Information

Catalog Number:

10286-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0187

GenBank Accession Number:

BC002788

GeneID (NCBI):

5329

UNIPROT ID:

Q03405

Full Name:

PLAUR

Calculated MW:

37 kDa

Observed MW:

35-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, ColP

Species Specificity:

human, mouse

Cited Species:

human, mouse, bovine

Positive Controls:

WB : RAW 264.7 cells, A2780 cells, U-251 cells, U-937 cells

IF/ICC : U-251 cells,

Background Information

uPAR is a 45-65 kDa, 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 remodelling and in many human cancers, in which it frequently indicates poor prognosis. (PMID 20027185; 12461559)

Notable Publications

Author	Pubmed ID	Journal	Application
Mulin Liu	34552345	J Inflamm Res	IHC
Jun-Ming Huang	30245631	Front Pharmacol	IF
Min Liu	28871079	Nat Commun	WB

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:

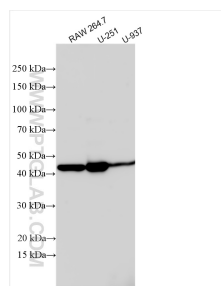
T: 4006900926

E: Proteintech-CN@ptglab.com

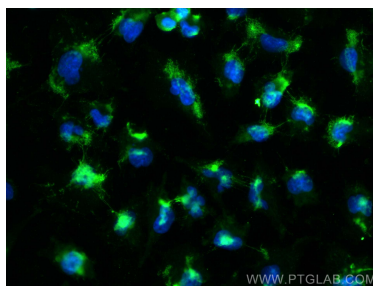
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10286-1-AP (uPAR/CD87 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using uPAR/CD87 antibody (10286-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).