

uPAR Polyclonal Antibody

Catalog number: 10286-1-AP

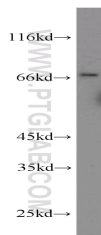
Size: 20 µg/150 µl

Source: Rabbit

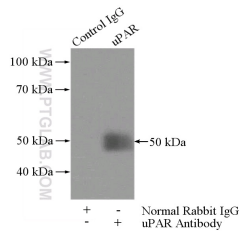
Isotype: IgG

Synonyms:

PLAUR; CD87, MO3, PLAUR, U
PAR, UPAR, URKR



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 10286-1-AP(uPAR, PLAUR antibody) at dilution of 1:500



IP Result of anti-uPAR, PLAUR
(IP:10286-1-AP, 4µg; Detection:10286-
1-AP 1:300) with RAW 264.7 cells
lysate 4000µg.

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)

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	Confocal photon count; FCS experiments, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated uPAR MW:	37 kDa
Observed uPAR MW:	35-70kd
Positive WB detected in	RAW 264.7 cells, A2780 cells
Positive IP detected in	RAW 264.7 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0187
GenBank accession number:	BC002788
Gene ID (NCBI):	5329
Full name:	Plasminogen activator, urokinase receptor

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.