

Rabbit PLAUR Polyclonal Antibody | anti-PLAUR antibody

PLAUR Antibody (Center)

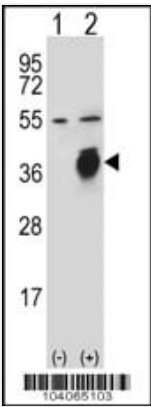
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288065	Rabbit	Human (Predicted Reactivity: Monkey)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

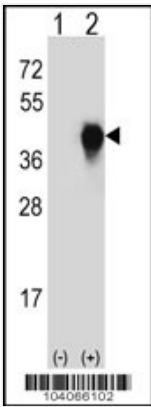
PLAUR; Polyclonal Antibody; PLAUR Antibody (Center); Urokinase plasminogen activator surface receptor; U-PAR; uPAR; Monocyte activation antigen Mo3; CD87; MO3; UPAR; anti-PLAUR antibody

PRODUCT SPECIFICATIONS

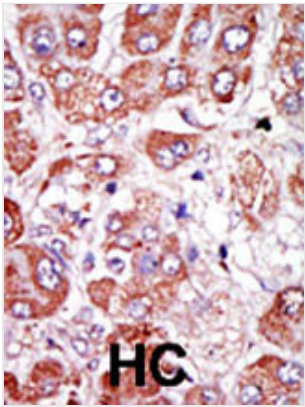
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLAUR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-166 amino acids from the Central region of human PLAUR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	136-166
Sequence Length	281
Applicable Applications for anti-PLAUR antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of PLAUR (arrow) using rabbit polyclonal PLAUR Antibody (W151). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PLAUR gene.



WB (Western Blot)
Western blot analysis of PLAUR (arrow) using rabbit polyclonal PLAUR Antibody (W151). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PLAUR gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-PLAUR antibody	The urokinase-type plasminogen activator receptor is a key molecule in the regulation of cell-surface plasminogen activation and plays an important role in many normal as well as pathologic processes. The human PLAUR cDNA encodes 335 amino acids including a predicted signal peptide of 22 residues and a hydrophobic C-terminal portion. ¹ It produces a highly glycosylated protein of about 50 kD in monocytes where it is anchored to the plasma membrane by glycosyl-phosphatidylinositol linkage. PLAUR, also known as UPAR, is directly associated with the carbohydrate-binding domain of SELL in the membrane of neutrophils, an association analogous to that between PLAUR and beta-2 integrins. ² PLAUR-mediated calcium mobilization is SELL dependent. UPAR mRNA levels correlate with the invasive potential of endometrial carcinomas and show a 33-fold increase in UPAR mRNA levels in advanced clinical stage endometrial tumors compared with normal endometrial tissue. ³ Furthermore, the increase in UPAR mRNA levels correlated linearly with the progression of disease stage. UPAR protein expression correlated positively with rate of recurrence and mortality in patients with endometrial cancer. ⁴ UPAR appears to be a useful prognostic marker for advanced endometrial cancer.
Product Categories/Family for anti-PLAUR antibody	Cancer; Cardiovascular; Immunology
References	Borgfeldt, C., et al., Int. J. Cancer 107(4):658-665 (2003). Tran, H., et al., Mol. Cell. Biol. 23(20):7177-7188 (2003). Coleman, J.L., et al., Infect. Immun. 71(10):5556-5564 (2003). Sturge, J., et al., J. Cell Biol. 162(5):789-794 (2003). Li, Y., et al., J. Biol. Chem. 278(32):29925-29932 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	53829379
NCBI GeneID	5329
NCBI Accession #	NP_001005376.1; NP_001005377.1; NP_002650.1
NCBI GenBank Nucleotide #	NM_001005376.2
UniProt Accession #	Q03405; Q12876; Q15845; Q16887; Q6IB52; Q9BWT0; Q9NYC8; Q9UD69; Q9UEA6; Q9UM92; Q9UMV0; A8K409
Molecular Weight	36978
NCBI Official Full Name	urokinase plasminogen activator surface receptor isoform 2
NCBI Official Synonym Full Names	plasminogen activator, urokinase receptor
NCBI Official Symbol	PLAUR
NCBI Official Synonym Symbols	CD87; UPAR; URKR; U-PAR
NCBI Protein Information	urokinase plasminogen activator surface receptor
UniProt Protein Name	Urokinase plasminogen activator surface receptor
UniProt Gene Name	PLAUR
UniProt Synonym Gene Names	MO3; UPAR; U-PAR; uPAR
UniProt Entry Name	UPAR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/plaur-antibody-western-blot-immunohistochemistry-elisa/288065>