

Rabbit anti-Human Urokinase (PLAU) Polyclonal Antibody | anti-PLAU antibody

Urokinase (PLAU) Antibody (C-term)

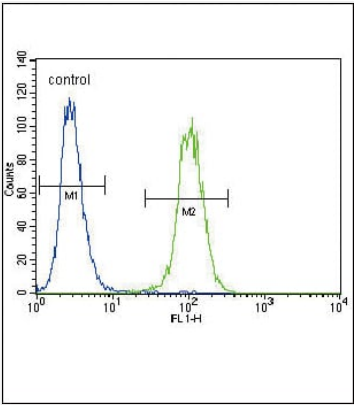
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288241	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

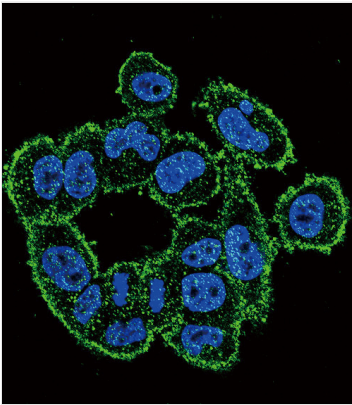
Urokinase (PLAU); Polyclonal Antibody; Urokinase (PLAU) Antibody (C-term); Urokinase-type plasminogen activator; U-plasminogen activator; uPA; Urokinase-type plasminogen activator long chain A; Urokinase-type plasminogen activator short chain A; Urokinase-type plasminogen activator chain B; PLAU; anti-PLAU antibody

PRODUCT SPECIFICATIONS

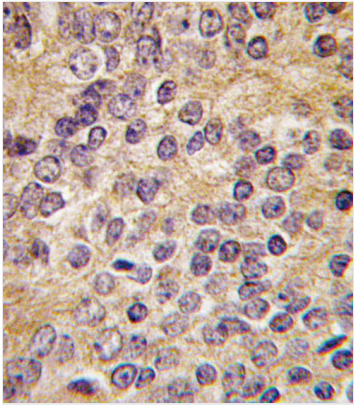
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Urokinase (PLAU) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-426 amino acids from the C-terminal region of human Urokinase (PLAU).
Purity/Purification	Purified Rabbit 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	396-426
Sequence Length	414
Applicable Applications for anti-PLAU antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



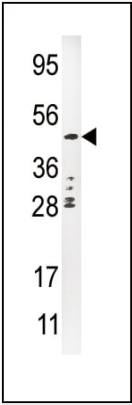
FCM/FACS (Flow Cytometry)
Urokinase (PLAU) Antibody (C-term) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Urokinase (PLAU) Antibody (C-term) with A2058 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with PLAU antibody (C-term), 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.



WB (Western Blot)
Western blot analysis of anti-PLAU Pab in CEM cell line lysate (35ug/lane). PLAU (arrow) was detected using the purified Pab

ADDITIONAL INFORMATION

Related Product Information for anti-PLAU antibody	PLAU, a member of the peptidase family S1, is a potent plasminogen activator and is clinically used for therapy of thrombolytic disorders. PLAU specifically cleaves the Arg[-Val bond in plasminogen to form plasmin. The protein is found in high and low molecular mass forms. Each consists of two chains, A and B. The high molecular mass form contains a long chain A. Cleavage occurs after residue 155 in the low molecular mass form to yield a short A1 chain. The protein is used in Pulmonary Embolism (PE) to initiate fibrinolysis. Structurally, PLAU contains 1 EGF-like domain and 1 kringle domain.
Product Categories/Family for anti-PLAU antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Sperl, S., et al., Proc. Natl. Acad. Sci. U.S.A. 97(10):5113-5118 (2000). Turkmen, B., et al., Electrophoresis 18(5):686-689 (1997). Conne, B., et al., Thromb. Haemost. 77(3):434-435 (1997). Yoshimoto, M., et al., Biochim. Biophys. Acta 1293(1):83-89 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	222537759
NCBI GeneID	5328

NCBI Accession #	NP_001138503.1; NP_002649.1
NCBI GenBank Nucleotide #	NM_001145031.1
UniProt Accession #	P00749; Q15844; Q16618; Q53XS3; Q5SWW9; Q969W6; B4DPZ2
Molecular Weight	48507
NCBI Official Full Name	urokinase-type plasminogen activator isoform 2
NCBI Official Synonym Full Names	plasminogen activator, urokinase
NCBI Official Symbol	PLAU
NCBI Official Synonym Symbols	ATF; QPD; UPA; URK; u-PA; BDPLT5
NCBI Protein Information	urokinase-type plasminogen activator
UniProt Protein Name	Urokinase-type plasminogen activator
UniProt Gene Name	PLAU
UniProt Synonym Gene Names	U-plasminogen activator; uPA
UniProt Entry Name	UROK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/urokinase-plau-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/288241>