Datasheet for ABIN360681

anti-PLAU antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	PLAU
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLAU antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human PLAU.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PLAU.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	PLAU
Alternative Name:	uPA / PLAU (PLAU Products)

Target Details

Background:	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 initiates fibrinolysis. Structurally, PLAU contains 1 EGF-like domain and 1 kringle domain.Synonyms: U-plasminogen activator, Urokinase, Urokinase-type plasminogen activator, Urokinase-type plasminogen activator chain B, Urokinase-type plasminogen activator long chain A, Urokinase-type plasminogen activator short chain A
Gene ID:	5328, 9606
UniProt:	P00749
Pathways:	Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Autophagy, Smooth Muscle Cell Migration

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

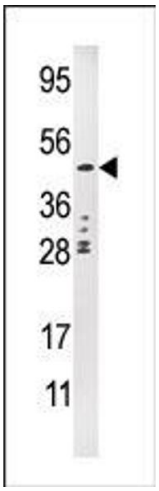

Image 1.

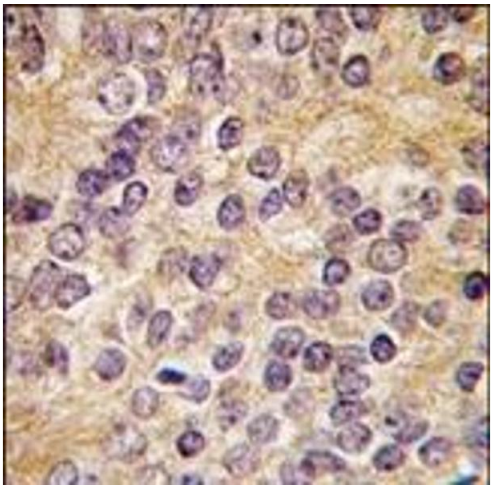

Image 2.

