



Anti-PLAU polyclonal antibody (CABT-B8989)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A portion of amino acids 60-90 from the human protein was used as the immunogen for this Urokinase antibody.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB, IHC-P, FC
Format	Liquid
Buffer	In 1X PBS, pH 7.4, with 0.09% sodium azide
Preservative	0.09% Sodium Azide
Storage	Aliquot the Urokinase antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	PLAU, a member of the peptidase family S1, is a potent plasminogen activator and is clinically used for therapy of thrombolytic disorders. PLA 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, PLA contains 1 EGF-like domain and 1 kringle domain.
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Keywords

PLAU; plasminogen activator, urokinase; ATF; QPD; UPA; URK; u-PA; BDPLT5; urokinase-type plasminogen activator; U-plasminogen activator; plasminogen activator, urinary

GENE INFORMATION

Entrez Gene ID[5328](#)**UniProt ID**[P00749](#)
