

Anti-Urokinase antibody ab24121

★★★★☆ [3 Abreviews](#) [15 References](#)

Overview

Product name	Anti-Urokinase antibody
Description	Rabbit polyclonal to Urokinase
Host species	Rabbit
Specificity	This antibody binds to human HMW-scuPA (54 kDa), HMW-tsuPA (52 kDa) and LMW-scuPA (33 kDa). This antibody is highly specific for urokinase, no crossreactions were found with other serine proteases (tissue plasminogen activator, plasmin, trypsin, chymotrypsin, elastase, thrombin). Human whole plasma or plasma proteins do not interfere with its binding to urokinase.
Tested applications	Suitable for: IHC-Fr, ELISA, IHC-P, ICC/IF, Dot blot, RIA, WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein (Human). Extensively purified native HMW-tcuPA and LMW-scuPA (mixture 50/50), isolated from human urine.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 8.00 Constituents: 0.16% Sodium phosphate, 0.38% Sodium borate, 0.87% Sodium chloride, 1% Dextran, 1% Mannitol
Purity	Affinity purified
Purification notes	Pooled antisera are passed over DEAE-cellulose to produce IgG-enriched fraction, which is subjected to absorption with immobilized total human serum proteins to remove non-specific antibodies. The affinity purified antibody is obtained by binding to immobilized native human

urokinase, followed by elution with acidic buffer, neutralization, dialysis, dispensing and lyophilization.

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab24121 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.
WB	★★★★☆ (2)	Use at an assay dependent concentration.

Target

Function Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.
Tissue specificity Expressed in the prostate gland and prostate cancers.
Sequence similarities Belongs to the peptidase S1 family.
Contains 1 EGF-like domain.
Contains 1 kringle domain.
Contains 1 peptidase S1 domain.
Post-translational modifications Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.
Cellular localization Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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