

uPA Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09424
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human uPA. AA range:190-239
Mol wt	48525
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	uPA Antibody
Synonyms	PLAU; Urokinase-type plasminogen activator; U-plasminogen activator; uPA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PLAU (plasminogen activator, urokinase) encodes a secreted serine protease that converts plasminogen to plasmin. The encoded preproprotein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive high molecular weight urokinase-type plasminogen activator (HMW-uPA). HMW-uPA can be further processed into the catalytically active low molecular weight urokinase-type plasminogen activator (LMW-uPA). This low molecular weight form does not bind to the urokinase-type plasminogen activator receptor. Mutations in PLAU may be associated with Quebec platelet disorder and late-onset Alzheimer's disease. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

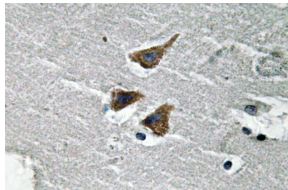
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of uPA antibody in paraffin-embedded human brain tissue.

Storage

-20°C for one year