

Basic Information

Product Name	Anti-uPA/Urokinase/PLAU Antibody (Clone#AABC-16)
Gene Name	PLAU
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Urokinase
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	49 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200

Storage

12 months from date of receipt, -20°C as supplied.

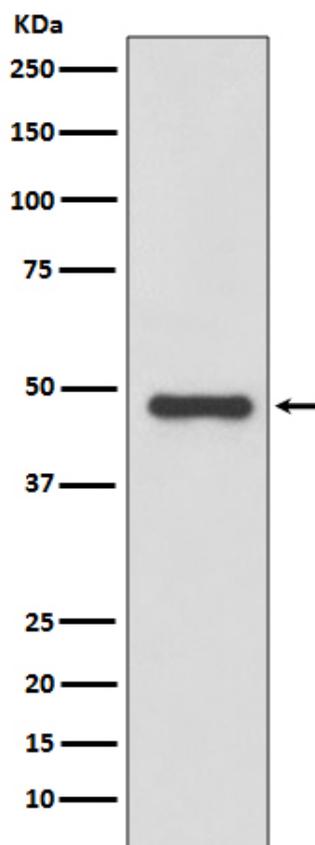
Background Information

Urokinase, also known as urokinase-type plasminogen activator (uPA), is a serine protease present in humans and other animals. This gene 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 this gene 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.

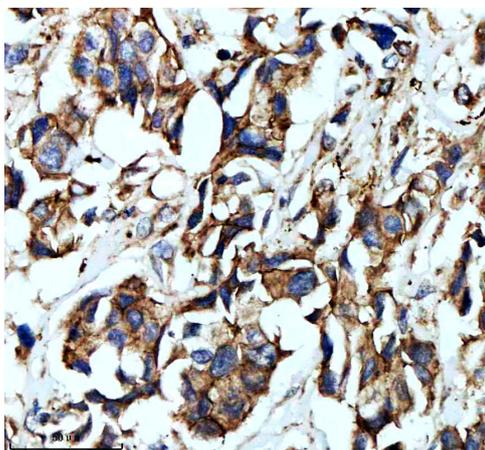
Reference

Anti-uPA/Urokinase/PLAU Antibody (Clone#AABC-16)被引用在5文献中。

Selected Validation Data



Western blot analysis of Urokinase expression in LnCaP cell lysate.



IHC analysis of PLAU using anti-PLAU antibody (BM5000) .
PLAU was detected in a paraffin-embedded section of human breast cancer tissue. The tissue section was incubated with rabbit anti-PLAU Antibody (BM5000) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.

Product datasheet

**Anti-uPA/Urokinase/PLAU Antibody
(Clone#AABC-16)**

Catalog Number: BM5000



antibody and ELISA experts

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East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com **Phone:** 027-67845390/1/2 **Email:** boster@boster.com