

产品名称: uPA Rabbit Polyclonal Antibody  
产品货号: APRab19636



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | uPA Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody     |
| 宿主 (Host)              | Rabbit                         |
| 应用 (Application)       | IHC, ICC, IF, ELISA            |
| 种属反应性 (Reactivity)     | Human, Rat, Mouse              |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | PLAU                                                                                                     |
| 别名 (Alternative Names) | PLAU; Urokinase-type plasminogen activator; U-plasminogen activator; uPA                                 |
| 基因 ID (Gene ID)        | 5328.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P00749. The antiserum was produced against synthesized peptide derived from human uPA. AA range: 190-239 |

## 产品应用 (Application)

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000 |
| 蛋白分子量 (Molecular Weight) |                                                           |

## 研究背景 (Background)

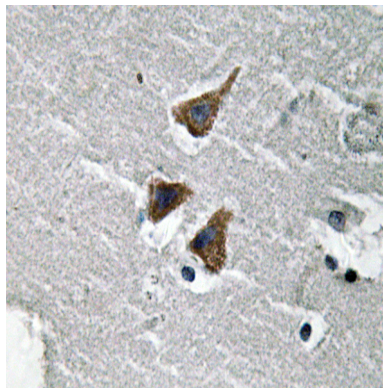
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This gene encodes a secreted serine protease that converts plasminogen to plasmin. The encoded preproprotein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically 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. [provided by RefSeq, Jan 2016],catalytic activity:Specific cleavage of Arg-|-Val bond in plasminogen to form plasmin.,function:Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.,online information:Urokinase entry,pharmaceutical:Available under the name Abbokinase (Abbott). Used in Pulmonary Embolism (PE) to initiates fibrinolysis. Clinically used for therapy of thrombolytic disorders.,PTM:Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 kringle domain.,similarity:Contains 1 peptidase S1 domain.,subunit: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 which is cleaved to yield a short chain A. Binds LRP1B; binding is followed by internalization and degradation. Interacts with MRC2. Interacts with PLAUR.,tissue specificity:Expressed in the prostate gland and prostate cancers.,

## 研究领域 (Research Area)

Complement and coagulation cascades;

## 图片 (Image Data)



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

## 注意事项 (Note)

For research use only .