

# Plasminogen Polyclonal antibody

Catalog Number: 16776-1-AP

3 Publications

## Basic Information

**Catalog Number:**

16776-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10142

**GenBank Accession Number:**

BC060513

**GeneID (NCBI):**

5340

**Full Name:**

plasminogen

**Calculated MW:**

810 aa, 91 kDa

**Observed MW:**

97 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human

**Cited Species:**

human, mouse

## Background Information

Plasminogen is a secreted blood zymogen that is activated by proteolysis and converted to plasmin and angiostatin. Plasminogen plays an important role in fibrinolysis as well as wound healing, cell migration, tissue modeling and angiogenesis. Plasminogen is synthesized in the liver, and it circulates in the blood, with a half-life of 2.2 days. Plasminogen is the precursor of plasmin, which lyses fibrin clots to fibrin degradation products (FDP) and D-dimer; the conversion to active protease is mediated by tissue-type (tPA) and urokinase-type (uPA) plasminogen activators. Defects in plasminogen are likely a cause of thrombophilia and ligneous conjunctivitis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Napaporn Tananuvat	25281489	Eur J Med Genet	IHC
Rongzeng Liu	26054637	BMC Biotechnol	WB
Yanmin Zhang	24980220	Sci Rep	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

