

For Research Use Only

Plasminogen Polyclonal antibody

Catalog Number: 16776-1-AP

3 Publications



Basic Information

Catalog Number:

16776-1-AP

Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

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

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