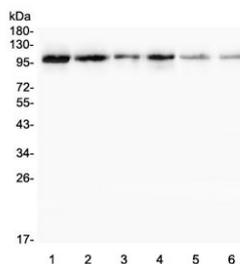


## Plasminogen Antibody / PLG (RQ5113)

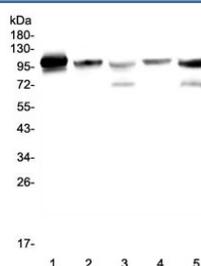
Catalog No.	Formulation	Size
RQ5113	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P00747
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Plasminogen antibody is available for research use only.



Western blot testing of 1) rat testis, 2) rat thymus, 3) rat spleen, 4) rat lung, 5) mouse testis and 6) mouse thymus lysate with Plasminogen antibody. Predicted molecular weight ~92 kDa, may be observed at higher molecular weights due to glycosylation.



Western blot testing of human 1) placenta, 2) HL60, 3) K562, 4) HepG2 and 5) ThP-1 lysate with Plasminogen antibody. Predicted molecular weight ~92 kDa, may be observed at higher molecular weights due to glycosylation.

## Description

Plasminogen (PLG) is a circulating zymogen that is converted to the active enzyme plasmin by cleavage of the peptide bond between arg560 and val561, which is mediated by urokinase (PLAU) and tissue plasminogen activator (PLAT). The main function of plasmin is to dissolve fibrin (see, e.g., FGA) clots. Plasmin, like trypsin, belongs to the family of serine proteinases. Defects in this gene are likely a cause of thrombophilia and ligneous conjunctivitis.

## Application Notes

Optimal dilution of the Plasminogen antibody should be determined by the researcher.

## Immunogen

Amino acids V98-P356 from the human protein were used as the immunogen for the Plasminogen antibody.

## Storage

Store the Plasminogen antibody at -20oC.