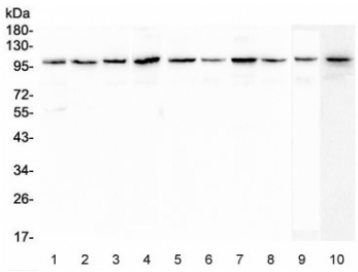
Plasminogen Antibody / PLG (RQ4670)

Catalog No.	Formulation	Size
RQ4670	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P00747
Applications	Western blot: 0.5-1ug/ml



Western blot testing of human 1) placenta, 2) HL-60, 3) 22RV1, 4) 293T, 5) PANC-1, 6) SGC-7901, 7) Caco-2, 8) PC-3, 9) rat brain and 10) mouse brain lysate with Plasminogen antibody at 0.5ug/ml. 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 arg-560 and val-561, 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 EPLDDYVNTQGASLFSVTKKQL were used as the immunogen for the Plasminogen antibody.

Storage

After reconstitution, the Plasminogen antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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