

PLG Rabbit pAb

Catalog No.	A1436	Category	Polyclonal Antibodies
Applications	WB	Observed MW	100kDa
Cross-reactivity	Human	Calculated MW	90kDa

Immunogen Information

Immunogen	A synthetic peptide of human PLG
Gene ID	5340
Swiss prot	P00747
Synonyms	PLG

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

Background

The protein encoded by this gene is a secreted blood zymogen that is activated by proteolysis and converted to plasmin and angiotatin. Plasmin dissolves fibrin in blood clots and is an important protease in many other cellular processes while angiotatin inhibits angiogenesis. Defects in this gene are likely a cause of thrombophilia and ligneous conjunctivitis. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000



Western blot analysis of extracts of human blood plasma, using PLG antibody (A1436).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.