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PLG antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13303

Product Information

Application	WB
Primary Accession	Q5R8X6
Other Accession	NM_000301, NP_000292
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog
Predicted	Human, Mouse, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90380

Additional Information

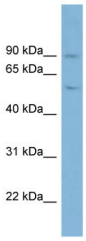
Gene ID	100172984
Alias Symbol	DKFZp779M0222
Other Names	Plasminogen, 3.4.21.7, Plasmin heavy chain A, Activation peptide, Plasmin heavy chain A, short form, Plasmin light chain B, PLG
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PLG antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PLG antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PLG {ECO:0000250|UniProtKB:P00747}
Function	[Plasmin]: Protease which primary function is to degrade fibrin, the main component of blood clots. Also cleaves other components of blood clots like thrombospondin-1/THBS1 and von Willebrand factor/VWF. Can also directly and/or through the activation of other proteases degrade the various components of the extracellular matrix including collagen, fibronectin and laminin. Thereby, regulates a variety of biological processes including embryonic development, tissue remodeling, and inflammation (By similarity). In ovulation, weakens the walls of the Graafian follicle (By similarity). In vitro, it is also able to cleave several complement zymogens, such as C1, C4 and C5 (By similarity).

Cellular Location	[Plasmin]: Secreted {ECO:0000250|UniProtKB:P00747}. Note=Locates to the cell surface where it is proteolytically cleaved to produce the active plasmin Interaction with HRG tethers it to the cell surface {ECO:0000250|UniProtKB:P00747}

Images



WB Suggested Anti-PLG Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: PANC1 cell lysate
PLG is supported by BioGPS gene expression data to be expressed in PANC1

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.