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anti-PLG antibody

Images



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Overview		
Quantity:	100 μL	
Target:	PLG	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PLG antibody is un-conjugated	
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human	
	Plasminogen. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Rabbit Polyclonal antibody to Plasminogen (plasminogen)	
	Plasminogen antibody	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	PLG	
Alternative Name:	plasminogen (PLG Products)	

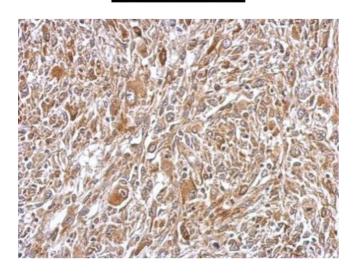
Target Details

Background:	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, MIM 191840) and tissue plasminogen activator (PLAT, MIM 173370). The main function		
	of plasmin is to dissolve fibrin (see, e.g., FGA, MIM 134820) clots. Plasmin, like trypsin, belongs		
	to the family of serine proteinases (Miyata et al., 1982 [PubMed 6216475], Forsgren et al., 1987		
	[PubMed 3030813]).[supplied by OMIM]		
	Cellular Localization: Secreted		
Molecular Weight:	91 kDa		
Gene ID:	5340		
UniProt:	P00747		
Pathways:	Complement System, Lipid Metabolism		
Application Details			
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations		
	should be determined by the researcher. Not tested in other applications.		
Comment:	Positive Control: Jurkat , Raji , K562 , BCL-1 , PC-12 , Rat2 , mouse plasma , rat plasma , human		
	plasma		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.18 mg/mL		
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300		
Preservative:	ProClin		
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be		
	handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage		
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid		
	multiple freeze-thaw cycles.		



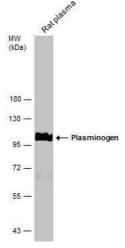
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using Plasminogen, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using Plasminogen, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Rat tissue extract (50 μ g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Plasminogen antibody, diluted at 1:500.

Please check the product details page for more images. Overall 10 images are available for ABIN2855505.