	Revision	1	
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F 정 Plasminogen Antibody	
	Orders: 877-616-CELL (2355) orders@cellsignal.com
	Support: 877-678-TECH (8324)
265	Web: info@cellsignal.com cellsignal.com
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	<b>Reactivity:</b> H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 100	<b>Source/Isotype:</b> Rabbit	<b>UniProt ID:</b> #P00747	Entrez-Gene Id: 5340		
Product Usage Information	e	<b>Application</b> Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity/Ser	nsitivity	Plasminogen Antibody recognizes endogenous levels of total plasminogen protein.						
Source / Purifi	ication	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro132 of human plasminogen protein. Antibodies are purified by protein A and peptide affinity chromatography.						
Background		within blood clots, pro proteins, and regulate metalloproteases (1-4 circulatory system an terminal preactivation plasminogen zymoge active serine proteina enolase and PLGRKT) domains, resulting in catalyzed by a numbe urokinase plasminog is the angiogenesis in number of related an region, have been sho corresponding <i>PLG</i> ge	omotes cell migrations es angiogenesis and d extracellular fluid n peptide followed l n binds to sites on se plasmin. Identifi share carboxy-term cell surface localiza er of distinct enzyme en activator (uPA), a hibitor angiostatin, giogenesis inhibito own to inhibit endo ene have been linke	precursor to the serine p on through proteolytic d d wound healing throug ogen is produced and se s (1). The plasminogen p by five kringle domains a the cell surface and is su ed plasminogen cell sur ninal lysine residues that tion of plasminogen (6-8 es, including tissue spec and kallikrein (1). An add which is derived from the rs, derived from various thelial cell growth and p ed to plasminogen defici ctivitis in some individua	egradation of extra h activation of matr creted by liver cells protein is composed and a serine protein ibsequently cleaved face receptors (inclu- interact with plasm 3). Cleavage of plasm ific plasminogen ac- titional plasminoger he first four kringle parts of the plasmi roliferation (10). Mu encies, characterize	cellular matrix ix and is found in the of an amino lase domain (5). The to release the uding S100A10, ninogen kringle minogen can be tivator (tPA), n cleavage product domains (9). A nogen kringle utations in the		
Background R	eferences	5. Petersen, T.E. et al. 6. Miles, L.A. et al. (20 7. Lighvani, S. et al. (2 8. Ceruti, P. et al. (201 9. O'Reilly, M.S. et al. ( 10. Nguyen, T.M. et al	2000) Am J Pathol 1 B) J Clin Invest 118, J er-Plow, J. (2012) J B (1990) J Biol Chem 05) Front Biosci 10, 011) Blood 118, 562 3) Exp Hematol On (1994) Cell 79, 315-2 I. (2007) Blood 109,	56, 1865-73. 3012-24. <i>iomed Biotechnol</i> 2012, 265, 6104-11. 1754-62. 22-30. <i>col</i> 2, 12. 28.	437920.			
Species Reacti	ivitv	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot I	-		tern blots, incubate	membrane with diluted				
Applications K	(ey	W: Western Blotting						
Cross-Reactivi	ity Key	H: Human						
Trademarks a	nd Patents	Cell Signaling Techno	logy is a trademark	of Cell Signaling Techno	logy, Inc.			

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