e at -20C	Plasminogen Antibody			
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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#1	3	Trask Lane Danvers Ma	ssachusetts 01923 USA	

For Research Use Only	Not for Use in	Diagnostic Procedures.
I OI INCOCUTOR OGC OTHY		Diagnostici roccuares.

Applications: WB	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 100	Source: Rabbit	UniProt ID: #P00747	Entrez-Gene Id: 5340
Product Usage Information	•	pplication estern 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 / Sens	itivity Plas	sminogen Antibody r	ecognizes endoge	nous levels of total p	lasminogen protein.	
Source / Purification		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	with and Inac extr folic site Ider term of p incl (1). from part (10)	hin blood clots, promo I regulates angiogene ctive plasminogen is racellular fluids (1). T bwed by five kringle of s on the cell surface ntified plasminogen of ninal lysine residues plasminogen (6-8). Cl uding tissue specific An additional plasmi n the first four kringle ts of the plasminogen). Mutations in the co	betes cell migration esis and wound he produced and sect he plasminogen pr domains and a seri and is subsequent cell surface receptor that interact with p eavage of plasmin plasminogen activ nogen cleavage pr domains (9). A nu h kringle region, ha rresponding <i>PLG</i> g	through proteolytic c aling through activat reted by liver cells ar otein is composed o ne proteinase doma ly cleaved to release ors (including S100A lasminogen kringle o ogen can be catalyz ator (tPA), urokinase roduct is the angioge mber of related angi ve been shown to in gene have been linko	e protease plasmin that of legradation of extracellui ion of matrix metalloprot nd is found in the circular f an amino terminal prea- in (5). The plasminogen e the active serine protei 10, enolase and PLGRK domains, resulting in cell ed by a number of distin e plasminogen activator (enesis inhibitor angiostat ogenesis inhibitors, deri- hibit endothelial cell gro- ed to plasminogen defici- conjunctivitis in some ind	lar matrix proteins, teases (1-4). tory system and activation peptide zymogen binds to nase plasmin. (T) share carboxy- I surface localization ct enzymes, (uPA), and kallikrein in, which is derived ved from various wth and proliferation encies,
Background Refe	2. C 3. G 4. G 5. P 6. M 7. L 8. C 9. C 10. N	Plow, E.F. et al. (1995 Creemers, E. et al. (2 Gong, Y. et al. (2008) Gong, Y. and Hoover- Petersen, T.E. et al. (2 files, L.A. et al. (2009 ighvani, S. et al. (2003) D'Reilly, P. et al. (2013) D'Reilly, M.S. et al. (1 Iguyen, T.M. et al. (2 fehta, R. and Shapir	000) Am J Pathol 1 J Clin Invest 118, Plow, J. (2012) J E 1990) J Biol Chem 5) Front Biosci 10, 11) Blood 118, 562 Exp Hematol Onc 994) Cell 79, 315-2 007) Blood 109, 47	L56, 1865-73. 3012-24. Biomed Biotechnol 20 265, 6104-11. 1754-62. 2-30. ol 2, 12. 28. 793-802.		
Species Reactivit	y Spec	cies reactivity is dete	rmined by testing i	n at least one appro	ved application (e.g., we	stern blot).
Western Blot Buff		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key	WB	: Western Blotting				
Cross-Reactivity	Кеу					

1/1/24, 1:47 PM	Plasminogen Antibody (#12657) Datasheet Without Images Cell Signaling Technology H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected			
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