e at -20C	PSMA3 (D4Y9O) Rabbit mAb		Cell Signaling	
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Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 28	Source/Isotype: Rabbit IgG	UniProt ID: #P25788	Entrez-Gene Id: 5684	
Product Usage Information	We	oplication estern Blotting munoprecipitation			Dilution 1:1000 1:50		
Storage				7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than	
Specificity / Sensiti	not		er α subunits of t	s endogenous levels of he 20S proteasome. Thi m certain cell lines.			
Species predicted to react based on 100% sequence homology:		g, Pig, Horse					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Arg100 of human PSMA3 protein.					
Background	sub 195 hete bas Ass ope The mod REC PSI may stud	strate proteins. It co S/PA700 regulatory p eroheptameric β -ring eroheptameric α -ring eroheptameric α -ring eroheptameric α -ring er in part, is composi- sociated with diverse en the gate formed b e lid consists of ubiquidin G, can also bind to t MA3 (HC8/ α 7) is an y have an important dies have demonstra	nsists largely of t particle (RP) that gs (β_{1-7}) that cont gs (α_{1-7}). The RP sed of a heterohe cellular Activities y the α -subunits, uitin receptors an chain topology (he end of the 205 α subunit of the 2 role in the initiation ated that PSMA3	nt proteolytic complex in wo sub-complexes, the can cap either end of the ain three catalytic β-sub includes a base and a li xameric ring of ATPase s) family. The ATPase su thus exposing the unfol d DUBs that function in 1,2). Other modulators of S CP and activate it (1,2 20S proteasome. PSMA on of ring formation and serves as a receptor wil iquitination-independent	20S catalytic core par e CP. The CP consists punits and are flanked id, each having multipl subunits belonging to ubunits function to unfo ded substrate to the ca recruitment of ubiquiti of proteasome activity,). 3 lacks any known pro 20S proteasome asset thin the proteasome, re	ticle (CP) and the s of two stacked on either side by two le subunits. The the AAA (ATPases old the substrate and atalytic β -subunits. nated substrates and such as PA28/11S oteolytic activity but mbly (3). Research	
Background Refere	2. L 3. G 4. T	Finley, D. (2009) Ann .ee, M.J. et al. (2011 Gerards, W.L. et al. (Touitou, R. et al. (2005) Gdek, P. et al. (2005)) Mol Cell Proteo 1998) J Mol Biol 1) EMBO J 20, 2	mics 10, R110.003871. 275, 113-21. 367-75.			
Species Reactivity	Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buffer		ORTANT: For wester 6 Tween® 20 at 4°C		membrane with diluted ing, overnight.	primary antibody in 59	% w/v BSA, 1X TBS,	
Applications Key Cross-Reactivity Ke		: Western Blotting II	P: Immunoprecip	tation			
	.,						

1/1/24, 10:39 AM	 PSMA3 (D4Y9O) Rabbit mAb (#12446) 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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