

PSMA2 (D3A4) Rabbit mAb



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Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 25	Source/Isotype: Rabbit IgG	UniProt ID: #P25787	Entrez-Gene Id 5683	
	Application Western Blotting			Dilution 1:1000		
	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
sitivity	PSMA2 (D3A4) Rabbit mAb recognizes endogenous levels of total PSMA2 protein. This antibody does not cross-react with other α subunits of the 20S proteasome.		is antibody does			
ed to react sequence	Chicken, Xenopus, Zel	orafish, Bovine, Hor	se			
ation	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Phe173 of human PSMA2 protein.					
	degradation. It consis are identical rings cor composed of β subun important for assemb different β proteasom major protein comple with high affinity and preferentially degrade spectrum that include factors. By controlling	ts of four stacked r nposed of α subuni its. While the cataly ly and as binding si e genes have been xes that function as associates with the es polyubiquitinated the degradation of	ngs, each with seven dists (called PSMAs), and the tic sites are located on the tes for regulatory protestices are located on the test for regulatory protestications activators of the 20S proteasome to formal proteins (1-3). The protest, signaling molecules, these intracellular protests	stinct subunits. The two inner layers of the β rings (1-3), the ins (4). Seven differe (5). PA700, PA28, and the 26S proteasome has a broattumor suppressors eins, the proteasome ins, the proteasome has a broattumor suppressors eins, the proteasome has a broattumor suppressors eins, the proteasome	two outer layers are identical rings a subunits are ent α and ten d PA200 are three inds polyubiquitin me, which d substrate s, and transcription ne functions in cell	
ferences	2. Pickart, C.M. and Co 3. Nandi, D. et al. (200	rt, C.M. and Cohen, R.E. (2004) <i>Nat. Rev. Mol. Cell Biol.</i> 5, 177-87.				
		Application Western Blotting Supplied in 10 mM sor 0.02% sodium azide. Second cross-react with or cross-r	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5 0.02% sodium azide. Store at –20°C. Do not cross-react with other α subunits of the ced to react sequence Chicken, Xenopus, Zebrafish, Bovine, Horesidues surrounding Phe173 of human for the 20S proteasome is the major proteol degradation. It consists of four stacked riare identical rings composed of α subunit composed of β subunits. While the cataly important for assembly and as binding signiferent β proteasome genes have been major protein complexes that function as with high affinity and associates with the preferentially degrades polyubiquitinated spectrum that includes cell cycle regulated factors. By controlling the degradation of cycle regulation, cancer development, im 9). Eferences 1. Dahlmann, B. (2005) Essays Biochem. 2. Pickart, C.M. and Cohen, R.E. (2004) Na 3. Nandi, D. et al. (2006) J. Biosci. 31, 137-	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody. PSMA2 (D3A4) Rabbit mAb recognizes endogenous levels of total not cross-react with other α subunits of the 20S proteasome. Chicken, Xenopus, Zebrafish, Bovine, Horse Chicken, Xenopus, Zebrafish, Bovine, Horse Monoclonal antibody is produced by immunizing animals with a residues surrounding Phe173 of human PSMA2 protein. The 20S proteasome is the major proteolytic enzyme complex in degradation. It consists of four stacked rings, each with seven diare identical rings composed of α subunits (called PSMAs), and the composed of β subunits. While the catalytic sites are located on total important for assembly and as binding sites for regulatory proteed different β proteasome genes have been identified in mammals major protein complexes that function as activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection of the protein complexes that function are activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection of the protein complexes that function are activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection of the protein complexes that function are activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection of the proteins (1-3) and the degradation of these intracellular protection complexes that function are activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection complexes that function are activators of the 20S proteasome to form preferentially degrades polyubiquitinated proteins (1-3). The protection complexes that function are activators of the 20S proteasome.	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycer 0.02% sodium azide. Store at ~20°C. Do not aliquot the antibody. PSMA2 (D3A4) Rabbit mAb recognizes endogenous levels of total PSMA2 protein. Th not cross-react with other α subunits of the 20S proteasome. Chicken, Xenopus, Zebrafish, Bovine, Horse Monoclonal antibody is produced by immunizing animals with a synthetic peptide coresidues surrounding Phe173 of human PSMA2 protein. The 20S proteasome is the major proteolytic enzyme complex involved in intracellula degradation. It consists of four stacked rings, each with seven distinct subunits. The are identical rings composed of α subunits (called PSMAs), and the two inner layers composed of β subunits. While the catalytic sites are located on the β rings (1-3), the important for assembly and as binding sites for regulatory proteins (4). Seven differed different β proteasome genes have been identified in mammals (5). PA700, PA28, an major protein complexes that function as activators of the 20S proteasome. PA700 b with high affinity and associates with the 20S proteasome to form the 26S proteasor preferentially degrades polyubiquitinated proteins (1-3). The proteasome has a broa spectrum that includes cell cycle regulators, signaling molecules, tumor suppressors factors. By controlling the degradation of these intracellular proteins, the proteasom cycle regulation, cancer development, immune responses, protein folding, and disease 9). 1. Dahlmann, B. (2005) Essays Biochem. 41, 31-48. 2. Pickart, C.M. and Cohen, R.E. (2004) Nat. Rev. Mol. Cell Biol. 5, 177-87.	

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

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 W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

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