Cyclophilin A Antibody	
Store	Orders: 877-616-CELL (2355) orders@cellsignal.com
	Support: 877-678-TECH (8324)
175	Web: info@cellsignal.com cellsignal.com
#7	3 Trask Lane   Danvers   Massachusetts   01923   USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	<b>Reactivity:</b> H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 18	<b>Source/Isotype:</b> Rabbit	UniProt ID: #P62937	Entrez-Gene Id 5478	
Product Usage Information		<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/Sen	sitivity	Cyclophilin A Antibody detects endogenous levels of total Cyclophilin A protein.					
Species predict based on 100% homology	ed to react sequence	Bovine, Dog					
Source / Purific	ation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of Cyclophilin A. Antibodies are purified by protein A and peptide affinity chromatography.					
Background		of the immunosuppr to and inhibit calcine production of cytokir Cyclophilin A can bin	essant drug cyclosp urin which leads to nes (3,4). As isomera d to the p55 Gag pro	y of peptidylprolyl <i>cis-tra</i> orin A (CsA) (1,2). The co nhibition of the transcri ses, cyclophilins have be otein of HIV and appears ilins have nuclease activ	mplex of cyclophilin ption factor NFAT a een proposed to aid s necessary for HIV	n and CsA can bind nd decreased l in protein folding. infection (5,6).	
Background Re	ferences	1. Takahashi, N. et al. 2. Wang, P. and Heitn 3. Jain, J. et al. (1993) 4. McCaffrey, P.G. et a 5. Thali, M. et al. (199 6. Streblow, D.N. et a 7. Montague, J.W. et a	nan, J. (2005) <i>Genor.</i> <i>Nature</i> 365, 352-35 al. (1993) <i>J. Biol. Che</i> 94) <i>Nature</i> 372, 363- I. (1998) <i>Virology</i> 24	ne Biol. 6, 226. 5. m. 268, 3747-3752. 365.			
Species Reactiv	vity	Species reactivity is d	letermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot B	uffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Ke	ey	W: Western Blotting					
Cross-Reactivit	у Кеу	H: Human M: Mouse	<b>R:</b> Rat <b>Mk:</b> Monkey				
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