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Revision 1					
Рhospho-NF-кВ p65 (Ser536) Antibody				Il Signaling CHNOLOGY* 877-616-CELL (2355) orders@cellsignal.com	
				Support:	877-678-TECH (8324)
#3031				Web:	info@cellsignal.com cellsignal.com
			3 Trask	Lane Danvers Mas	sachusetts 01923 USA
For Research Use Only. Not for					
Applications: React WB H M F		MW (kDa): 65	Source: Rabbit	UniProt ID: #Q04206	Entrez-Gene Id: 5970
Product Usage	Application			Dilution	
Information	Western Blotting			1:1000	
Storage	Supplied in 10 mM sodi 20°C. Do not aliquot the), 150 mM NaCl, 10	0 μg/ml BSA and 50%	glycerol. Store at –
Specificity / Sensitivity	Phospho-NF-kappaB p6 536. The antibody does	· · ·			
Species predicted to react based on 100% sequence homology:	Dog, Pig				
Source / Purification	Polyclonal antibodies ar to residues surrounding peptide affinity chromate	Ser536 of human I	•		
Background	Transcription factors of immune responses (1,2 (p105/p50), and NF-кB2 to produce p50 and p52 DNA and regulate trans- inhibitory proteins (3-5). them for rapid degradati nucleus where it regulat processing of NF-kB2 (p). There are five far 2 (p100/p52). Both cription. In unstimul NF-κB-activating a ion through the ubio res gene expressior	nily members in mai p105 and p100 are p proteins bind p50 an ated cells, NF-ĸB is gents can induce th quitin-proteasome p a (6-8). NIK and IKK	mmals: ReIA, c-ReI, Re proteolytically processed d p52 to form dimeric of sequestered in the cyl e phosphorylation of Ik athway and releasing N α (IKK1) regulate the p	elB, NF-кB1 ed by the proteasome complexes that bind toplasm by IкB кВ proteins, targeting NF-кВ to enter the ohosphorylation and
Background References	 Baeuerle, P.A. and He Baeuerle, P.A. and Ba Haskill, S. et al. (1991) Thompson, J.E. et al. Whiteside, S.T. et al. Traenckner, E.B. et al Scherer, D.C. et al. (199) Senftleben, U. et al. (199) Senftleben, U. et al. (201) Xiao, G. et al. (2001) 	Altimore, D. (1996) (1995) <i>Cell</i> 80, 573 (1997) <i>EMBO J</i> 16, (1997) <i>EMBO J</i> 16, (1995) <i>PMBO J</i> 1 (1995) <i>Proc Natl Aca</i> 6) <i>Cell</i> 84, 853-62. 2001) <i>Science</i> 293, 02) <i>EMBO J</i> 21, 53	Cell 87, 13-20. 3-82. 1413-26. 4, 2876-83. d Sci USA 92, 1125 1495-9.		
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	WB: Western Blotting				

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Cross-Reactivity Key	 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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