Phospho-NF-кВ p65 (Ser468) Antibody





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Applications: W, IP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 65	Source/Isotype: Rabbit	UniProt ID: #Q04206	Entrez-Gene Id: 5970
Product Usage Information	2	Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50	
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	Phospho-NF-kappaB p 468.	65 (Ser468) Antibo	dy detects NF-kappaB p6	55 only when phosp	phorylated at serine
Source / Purifi	cation		dues surrounding S	munizing animals with a er468 of human NF-kap raphy.		
Background		immune responses (1, (p105/p50), and NF-кB proteasome to produc complexes that bind D cytoplasm by IkB inhib IkB proteins, targeting releasing NF-kB to ent regulate the phosphor the nucleus (9-11). PMA-induced NF-kapp and 470, suggesting a Thr464, or Ser468) in t increase Ser468 phosp	2). There are five fa 2 (p100/p52). Both 2 p50 and p52, res NA and regulate tr bitory proteins (3-5) 3 them for rapid de- er the nucleus whe rylation and proces aB transcriptional a role for one or mo his region (12). T-ce borylation (13, 14).	^κ κΒ (NF-κB)/Rel family p mily members in mamn p105 and p100 are prot pectively. Rel proteins bi anscription. In unstimul . NF-κB-activating agent gradation through the u re it regulates gene exp sing of NF-κB2 (p100) to activity is dependent on re of the potential phos ell costimulation and Cal . ΙΚΚβ (but not IKKα) and ory role not involving in	nals: RelA, c-Rel, Re eolytically processe nd p50 and p52 to ated cells, NF-κB is s can induce the ph biquitin-proteasom ression (6-8). NIK an produce p52, whic the region betweer phorylation sites (So yculin A have both I GSK-3β both targe	IB, NF-κB1 d by the form dimeric sequestered in the nosphorylation of ne pathway and nd IKKα (IKK1) h translocates to n amino acids 442 er457, Thr458, been shown to et this site (14, 15),
Background R	eferences	2. Baeuerle, P.A. and B 3. Haskill, S. et al. (199 4. Thompson, J.E. et al 5. Whiteside, S.T. et al. 6. Traenckner, E.B. et a	altimore, D. (1996) 1) <i>Cell</i> 65, 1281-9. (1995) <i>Cell</i> 80, 573 (1997) <i>EMBO J</i> 16, I. (1995) <i>EMBO J</i> 14, 995) <i>Proc Natl Aca</i> 6) <i>Cell</i> 84, 853-62. (2001) <i>Science</i> 293, 002) <i>EMBO J</i> 21, 53 1) <i>Mol Cell</i> 7, 401-9. (1995) <i>J Biol Chem</i> 004) <i>Blood</i> 104, 330 4) <i>J Biol Chem</i> 279,	-82. 1413-26. , 2876-83. <i>d Sci USA</i> 92, 11259-63. 1495-9. 75-85. 270, 15576-84. 2-4. 49571-4.	-79.	
Species Reacti	vity	Species reactivity is de	termined by testing	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted haking, overnight.	primary antibody i	n 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting IF	?: Immunoprecipita	tion		

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