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меthyl-NF-кВ р65 (Lys310) Antibody



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

Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 65	Source/Isotype: Rabbit	UniProt ID: #Q04206	Entrez-Gene Id: 5970
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM soo 20°C. Do not aliquot th		i), 150 mM NaCl, 100 μg/	ml BSA and 50% gly)	/cerol. Store at –
Specificity/Sen	sitivity	Methyl-NF-кВ p65 (Lys methylated at Lys310.		gnizes endogenous leve	ls of NF-кВ p65 prot	tein only when
Species predict based on 100% homology	ted to react sequence	Mouse, Rat, Monkey, E	Bovine, Pig			
Source / Purific	cation		Lys310 of human N	munizing animals with a IF-кВ p65 protein. Antibo		
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	2). There are five fa 2 (p100/p52). Both 2 p50 and p52, res 2 NA and regulate tr 2 pitory proteins (3-5) 3 them for rapid de 2 rer the nucleus whe	r кВ (NF-кВ)/Rel family p mily members in mamn p105 and p100 are prot pectively. Rel proteins bi anscription. In unstimul . NF-кB-activating agent gradation through the u re it regulates gene exp sing of NF-кB2 (p100) to	nals: RelA, c-Rel, Rel eolytically processed nd p50 and p52 to f ated cells, NF-κB is s s can induce the ph biquitin-proteasom ression (6-8). NIK ar	B, NF-κB1 d by the form dimeric sequestered in the osphorylation of e pathway and nd ΙΚΚα (ΙΚΚ1)
		Methylation of NF-кВ ן signaling (12).	p65 by the methylt	ransferase SETD6 at Lys3	10 results in attenu	ated NF-κB
Background Re	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, (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.	8-82. 1413-26. , 2876-83. <i>d Sci USA</i> 92, 11259-63. , 1495-9. 75-85.	-79.	
Species Reactiv	vity	Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	uffer	IMPORTANT: For west TBS, 0.1% Tween® 20	,	membrane with diluted shaking, overnight.	primary antibody ir	1 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				
Cross-Reactivit	су Кеу	H: Human				

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