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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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