

Supplementary material for

***Fructus Amomi* extract attenuates nasal inflammation by restoring Th1/Th2 balance via the downregulation of NF- κ B phosphorylation and mast cell activation in OVA-induced allergic rhinitis**

Yanjing Fan^{a,†}, Thi Van Nguyen^{a,†}, Chun Hua Piao^{a,b}, Hee Soon Shin^{c,d}, Chang Ho Song^{a,e*}, Ok Hee Chai^{a,e*}

^aDepartment of Anatomy, Jeonbuk National University Medical School, Jeonju, Jeonbuk, 54896, Republic of Korea.

^bDepartment of Pulmonary and Critical Care Medicine, Yantai Yuhuangding Hospital, Yantai 264000, China.

^cDivision of Food Functionality Research, Korea Food Research Institute, 245 Nongsaengmyeong-ro, Iseo-myeon, Wanju-gun, Jeollabuk-do, 55365, Republic of Korea.

^dFood Biotechnology Program, Korea University of Science and Technology, Daejeon, 305-350, Republic of Korea.

^eInstitute for Medical Sciences, Jeonbuk National University, Jeonju, Jeonbuk, 54896, Republic of Korea.

† These authors equally contributed in this work.

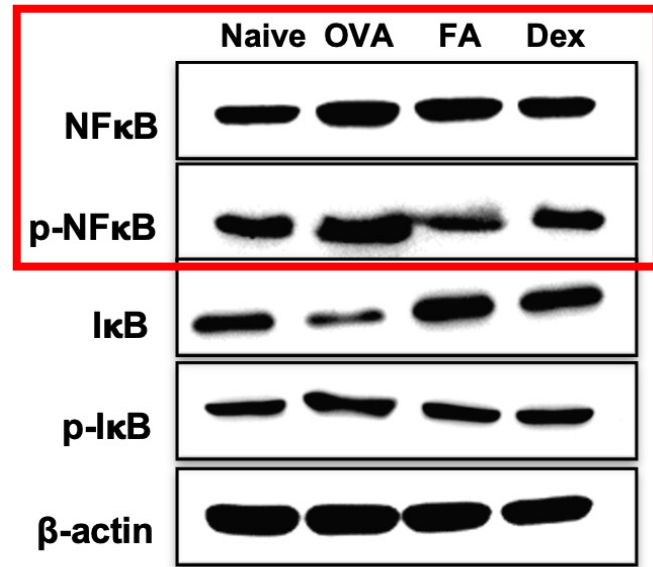
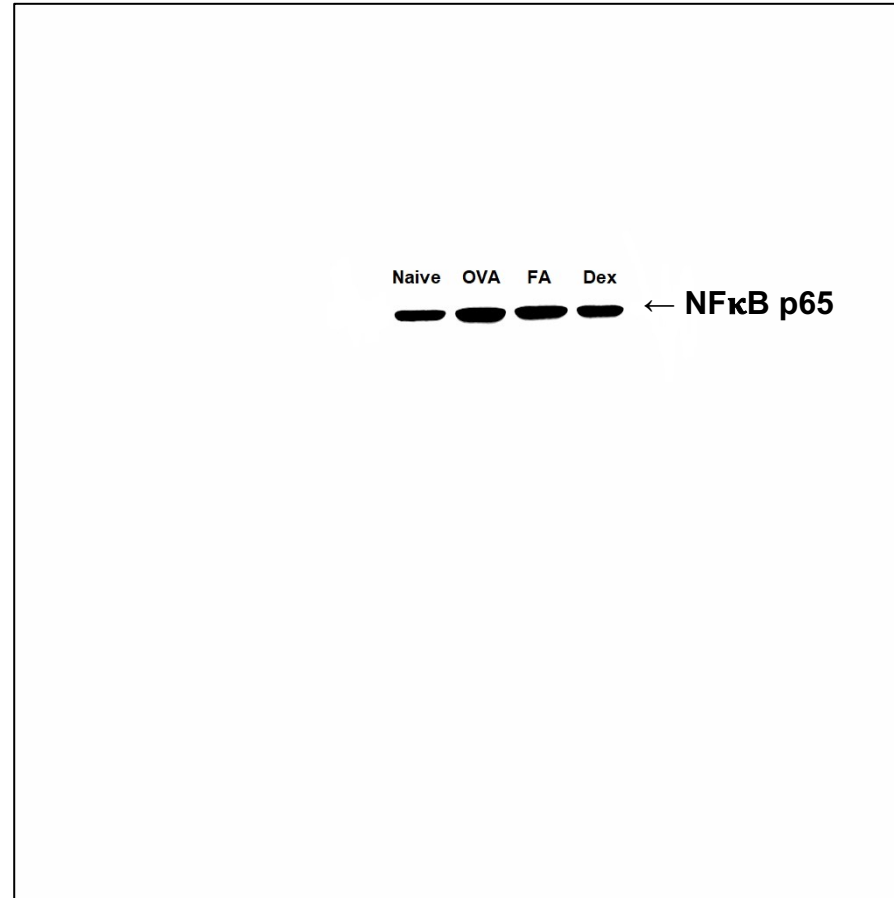
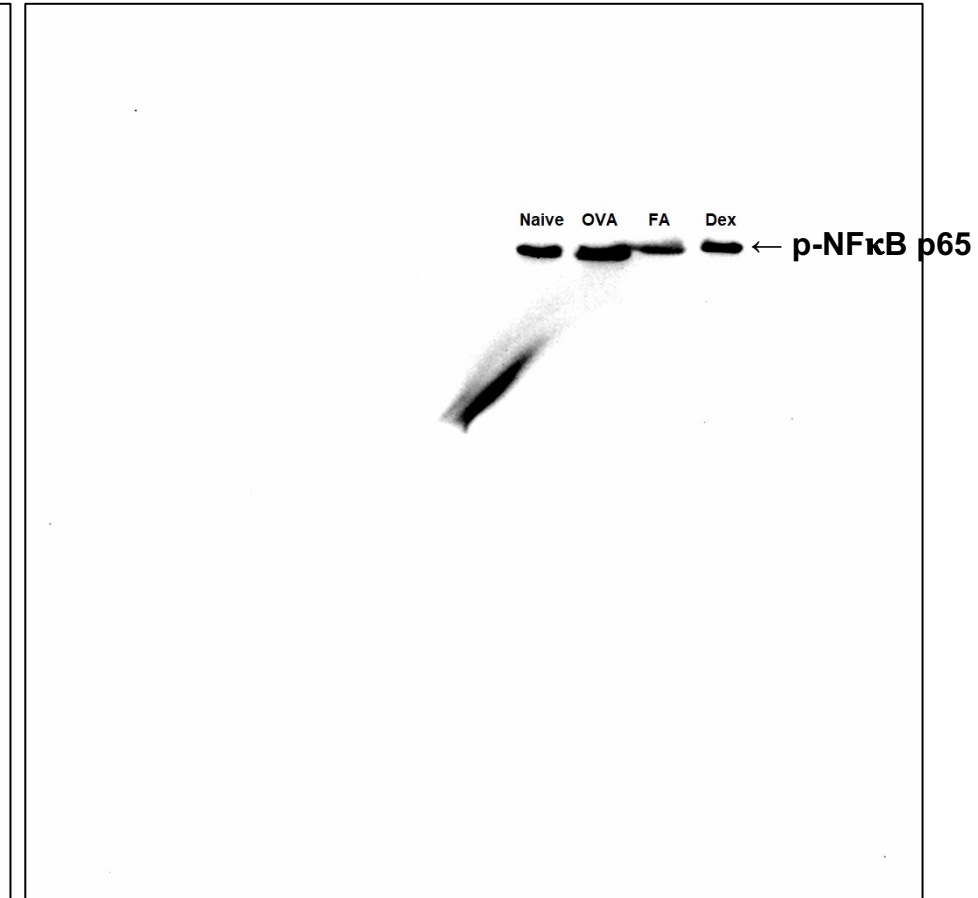
A**B****C**

Figure S1. Full length gels and blots of NF κ B signaling related proteins in lung tissues
(A) Western blot data. Original Western blot picture of (B) NF κ B p65 and (C) p-NF κ B p65. Membrane C was stripped from membrane B.

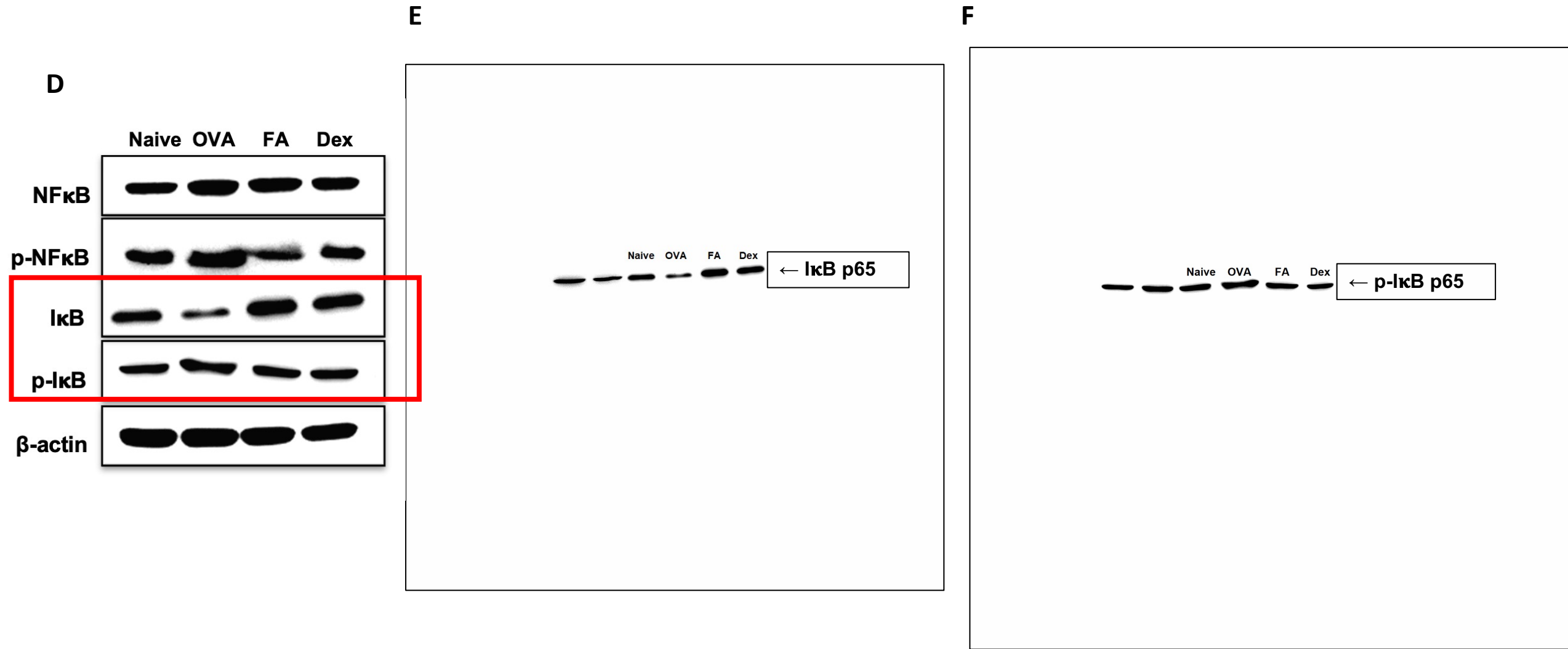


Figure S1. Full length gels and blots of NF κ B signaling related proteins in lung tissues
(D) Western blot data. Original Western blot picture of (E) I κ B and (C) p-I κ B. Membrane E was stripped from membrane F.

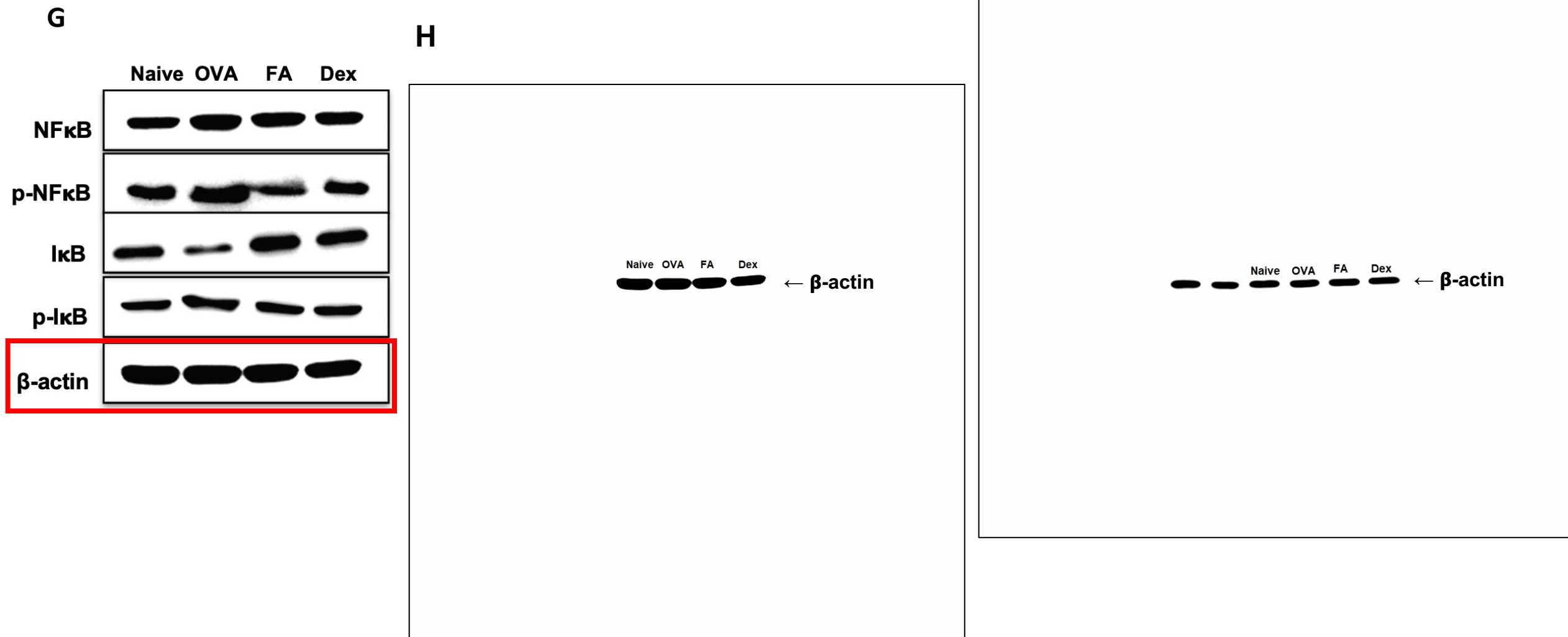


Figure S1. Full length gels and blots of NFκB signaling related proteins in lung tissues
 (A) Western blot data. Original Western blot picture of (H), (I) β-actin. Membrane H was stripped from membrane A. Membrane I was stripped from membrane F.

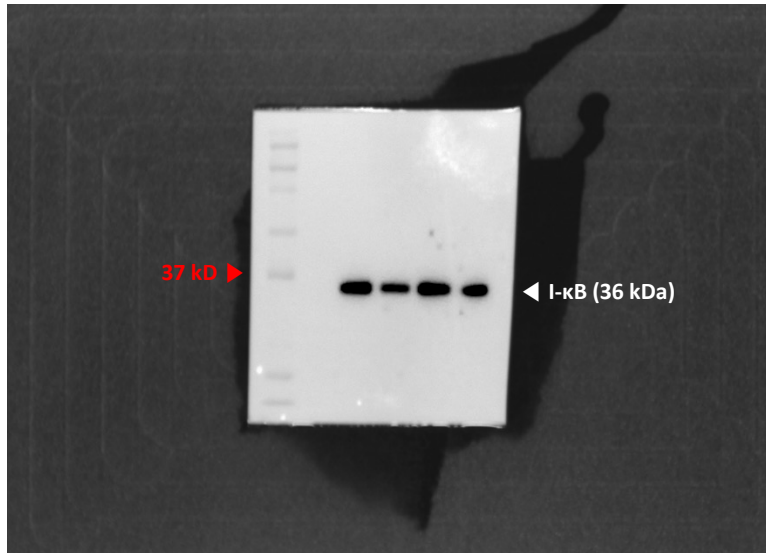
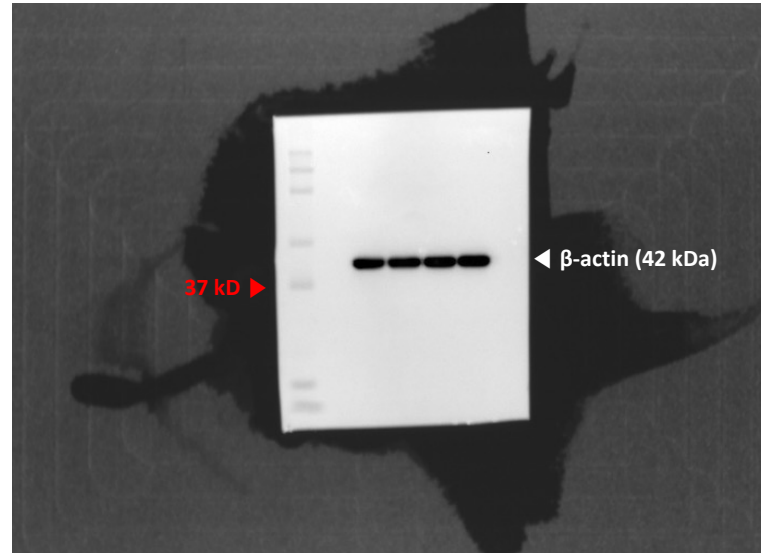
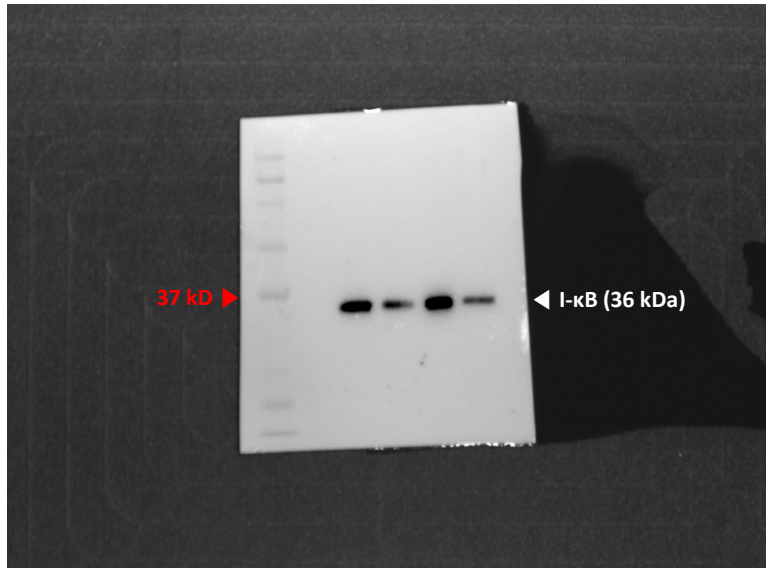
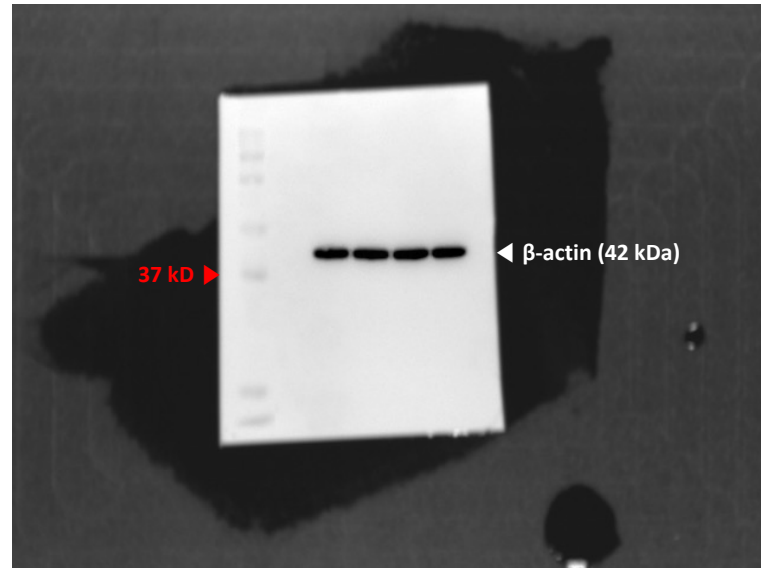
A**B****C****D**

Figure S2. Full length gels and blots of I-κB proteins in lung tissues (repeated experiment)

Original Western blot picture of (A), (C) I-κB; (B), (D) β-actin. Membrane B was stripped from membrane A. Membrane D was stripped from membrane C.

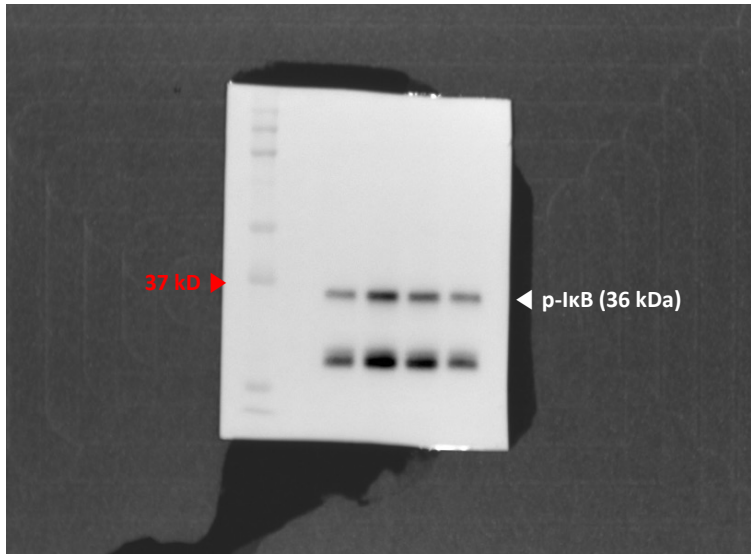
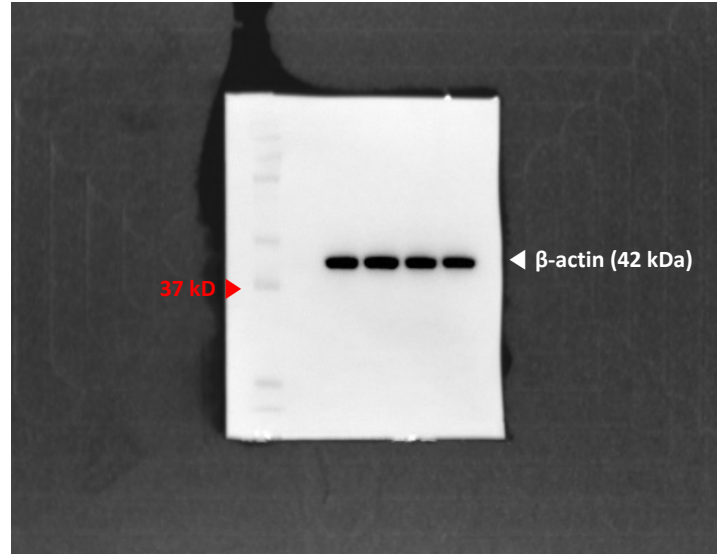
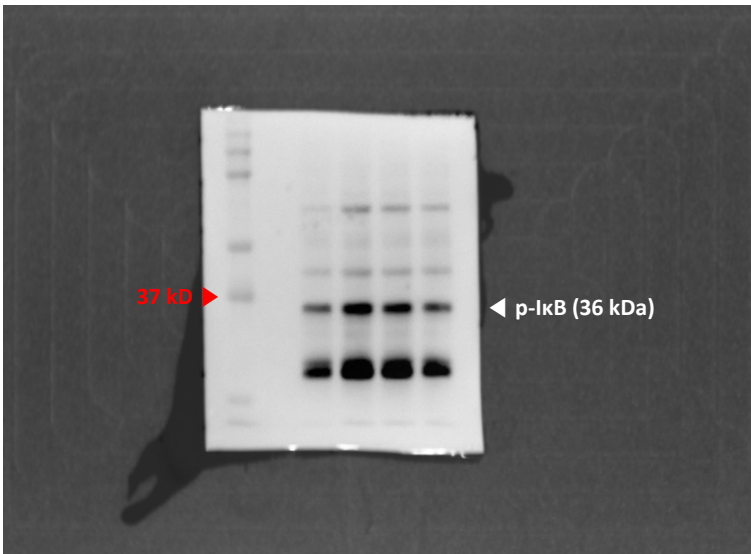
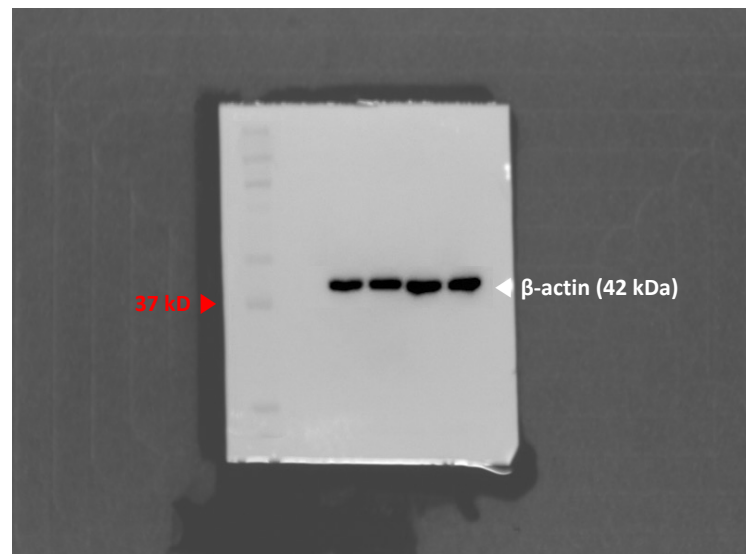
A**B****C****D**

Figure S3. Full length gels and blots of p-IκB proteins in lung tissues (repeated experiment)

Original Western blot picture of (A), (C) p-IκB; (B), (D) β-actin. Membrane B was stripped from membrane A. Membrane D was stripped from membrane C.

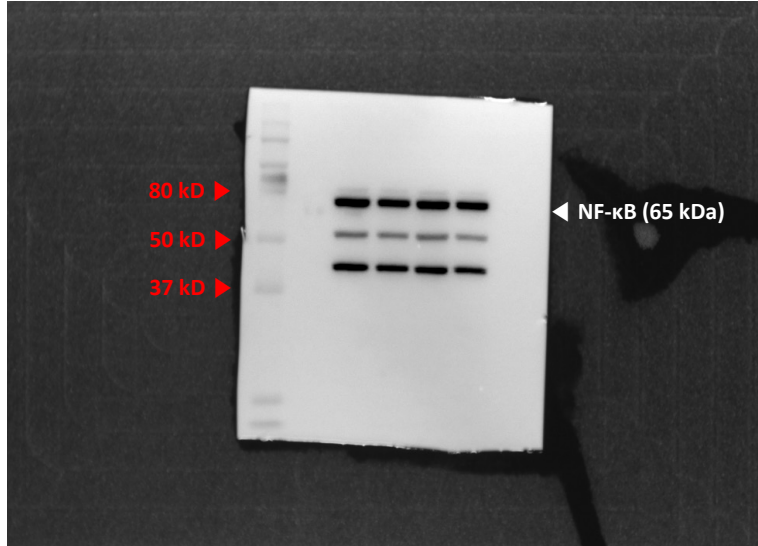
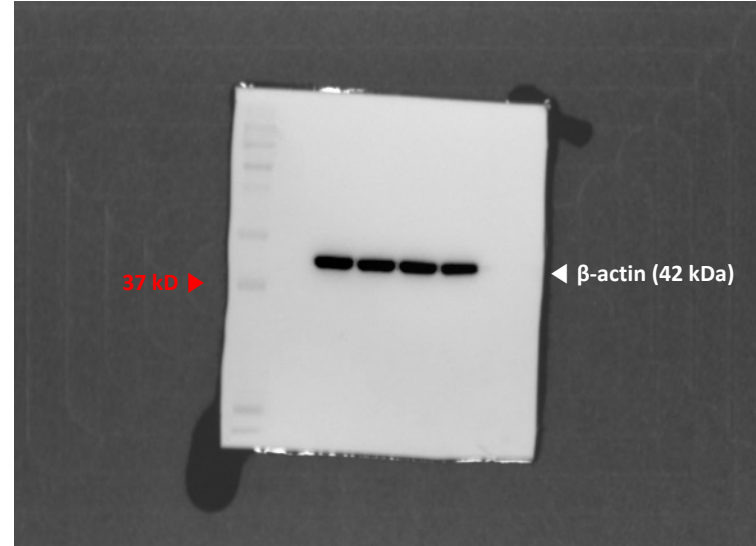
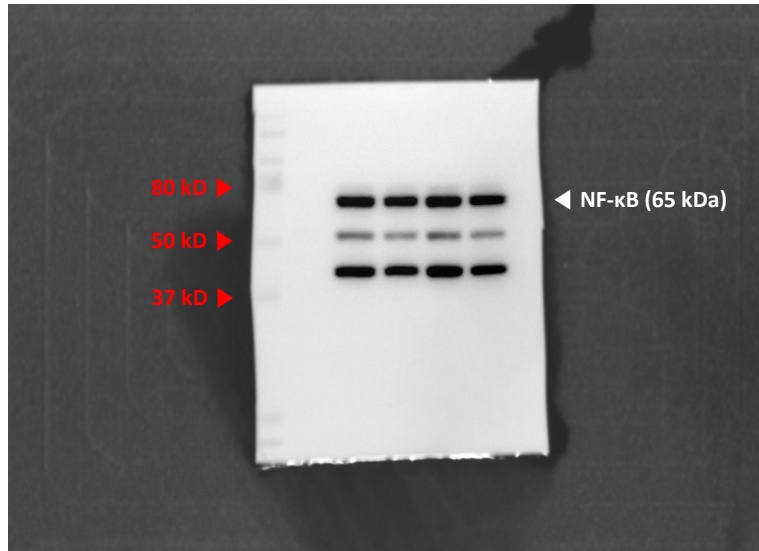
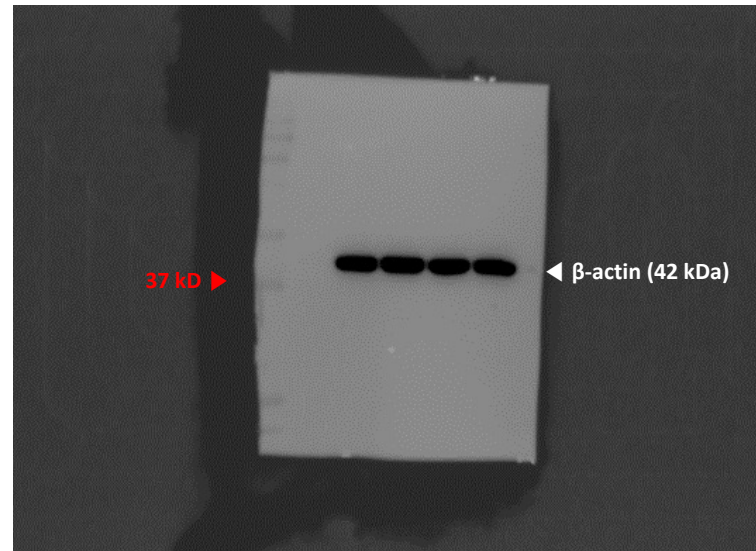
A**B****C****D**

Figure S4. Full length gels and blots of NF-κB proteins in lung tissues (repeated experiment)

Original Western blot picture of (A), (C) NF-κB; (B), (D) β-actin. Membrane B was stripped from membrane A. Membrane D was stripped from membrane C.

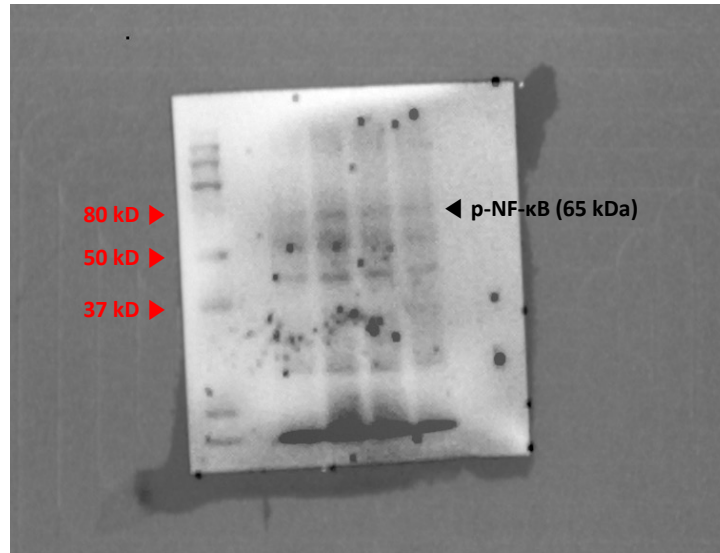
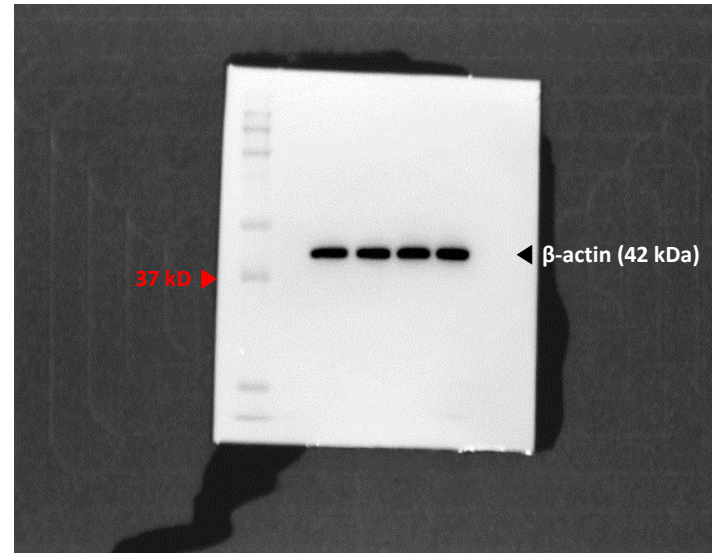
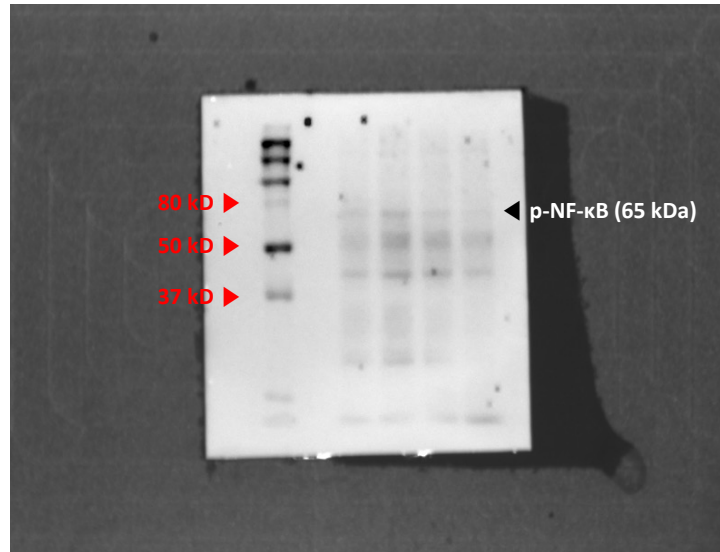
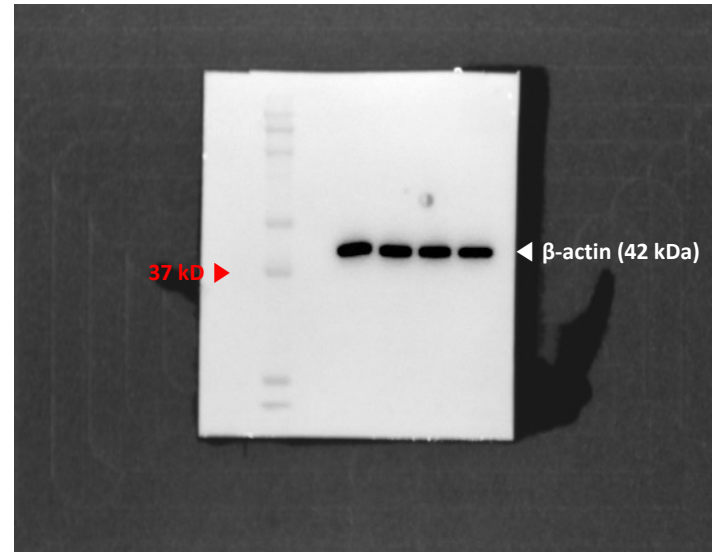
A**B****C****D**

Figure S5. Full length gels and blots of p-NF-κB proteins in lung tissues (repeated experiment)

Original Western blot picture of (A), (C) p-NF-κB; (B), (D) β-actin.

Membrane B was stripped from membrane A. Membrane D was stripped from membrane C.