

Supplementary Material

An NF-kappaB- and IKK-Independent Function of NEMO Prevents Hepatocarcinogenesis by Suppressing Compensatory Liver Regeneration

Christiane Koppe, Florian Reisinger, Karina Wehr, Mihael Vucur, Christian Trautwein, Frank Tacke, Mathias Heikenwalder and Tom Luedde

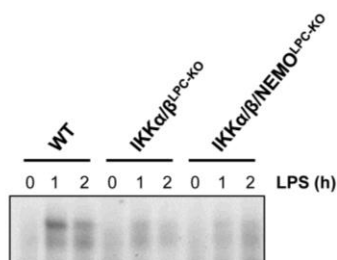


Figure S1: Analysis of NF-κB DNA-binding activity

Electrophoretic mobility shift assay (EMSA) on whole liver extracts from WT, IKK α/β^{LPC-KO} and IKK $\alpha/\beta/NEMO^{LPC-KO}$ mice treated with LPS for different time points.

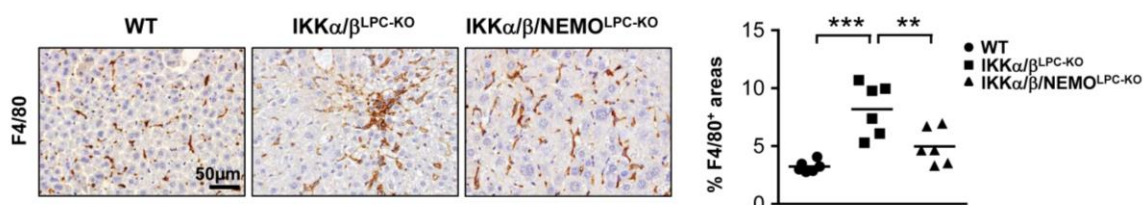


Figure S2: Analysis of F4/80 positive cell infiltrates

Immunohistochemistry and quantification of liver paraffin sections stained for F4/80. ** $P < 0.01$; *** $P < 0.001$ (n=6).

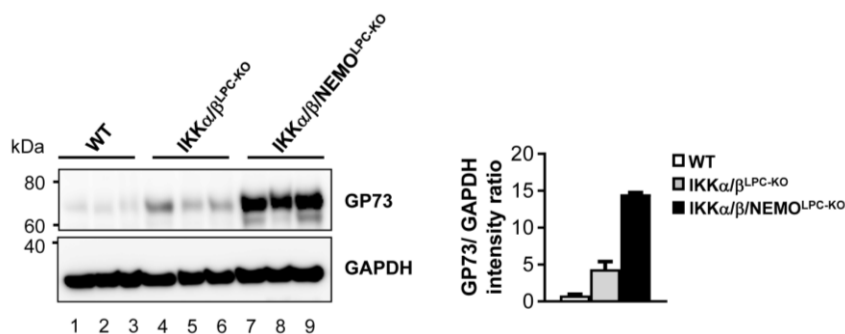


Figure S3: Increased GP73 expression in mice lacking the IKK complex expression

Western blot analysis of whole protein extracts from male WT, IKK α/β^{LPC-KO} and IKK $\alpha/\beta/NEMO^{LPC-KO}$ mice against GP73 and GAPDH (loading control) with relative intensity ratio.

Figure 1A

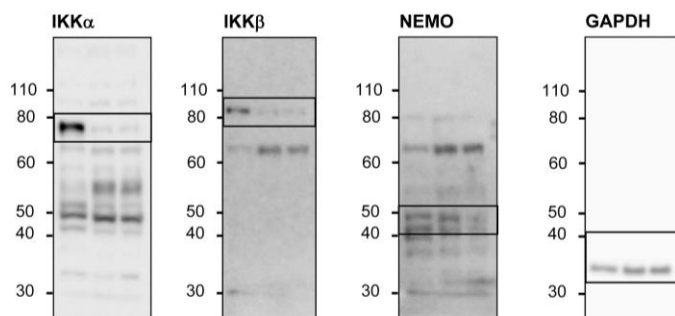


Figure 3B

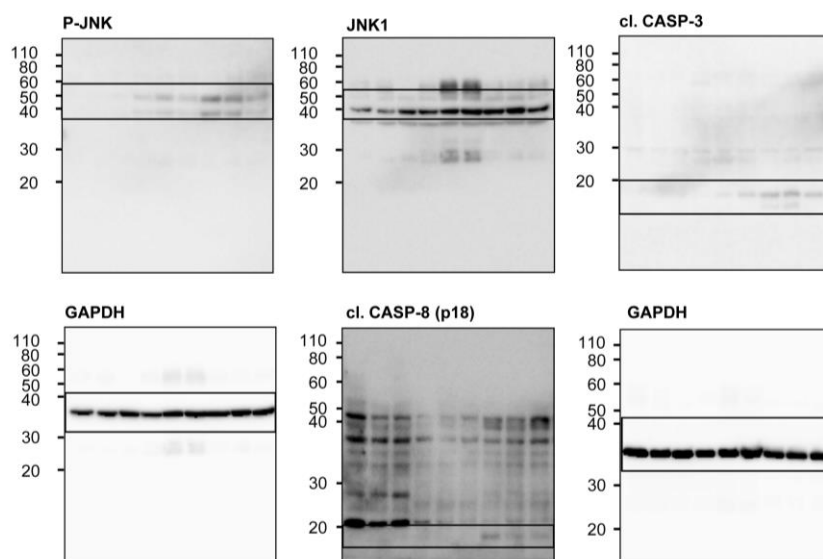
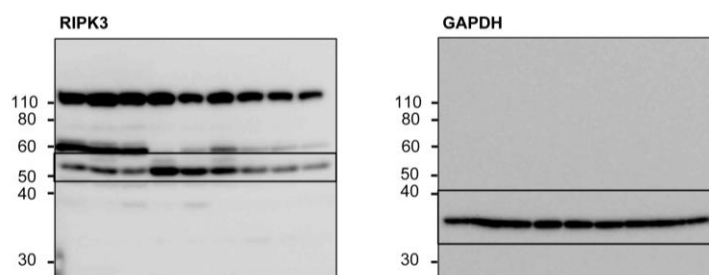


Figure 3C



Western Blot for Figures 1 and 3.

Figure 4A

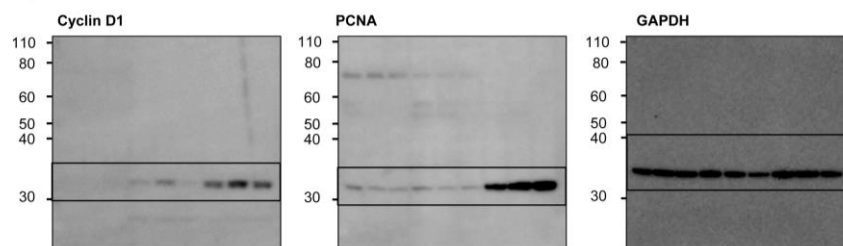


Figure 4B

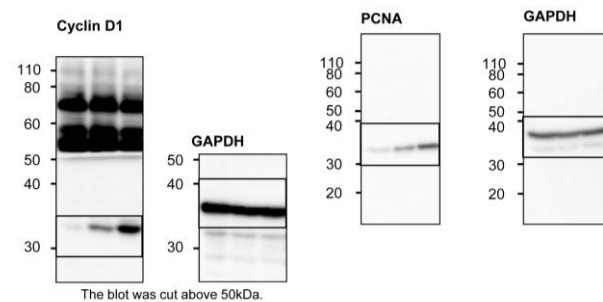
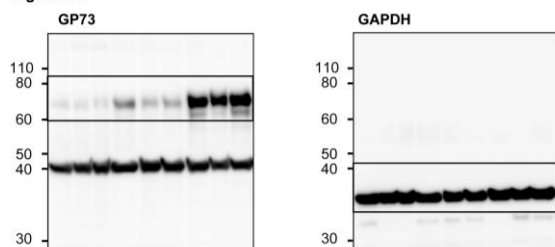


Figure S3



Western Blot for Figures 4 and S3.