

Ononin Ameliorates Inflammation and Cartilage Degradation in Rat Chondrocytes with IL-1 β -induced Osteoarthritis by downregulating the MAPK and NF- κ B Pathways

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Supplementary Information

the full length original blot

Collegan II:



Figure 1 a. the original blot of collegan II.

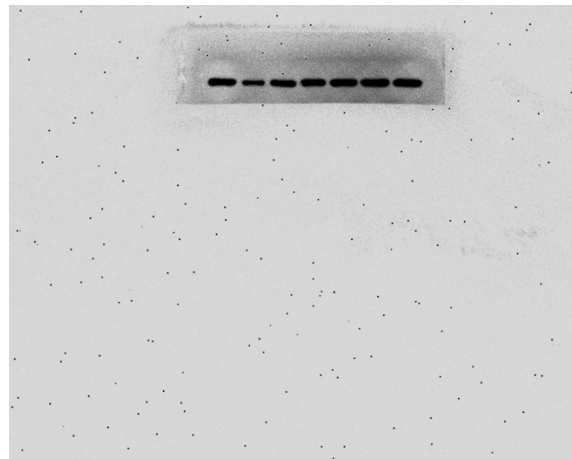


Figure 1 b. the original blot of collegan II (another exposure image).

MMP-13:

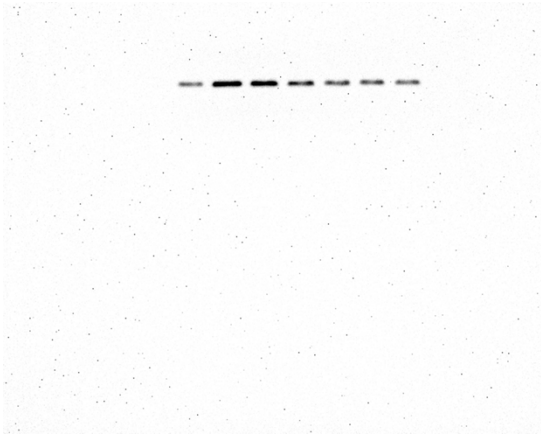


Figure 2 a. the original blot of MMP-13.

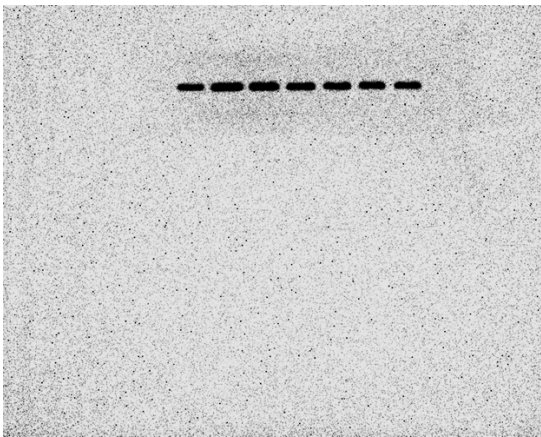


Figure 2 b. the original blot of MMP-13 (another exposure image).

GAPDH (for collegan II and MMP-13 proteins):

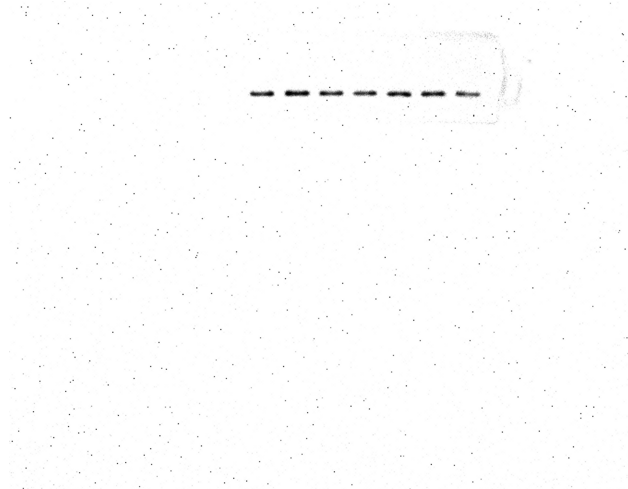


Figure 3 a. the original blot of GAPDH (for collegan II and MMP-13 proteins).

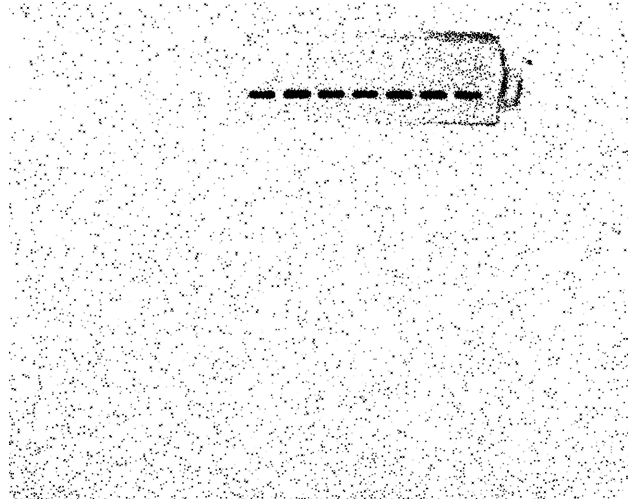


Figure 3 b. the original blot of GAPDH (for collegan II and MMP-13 proteins) (another exposure image).

p-ERK:

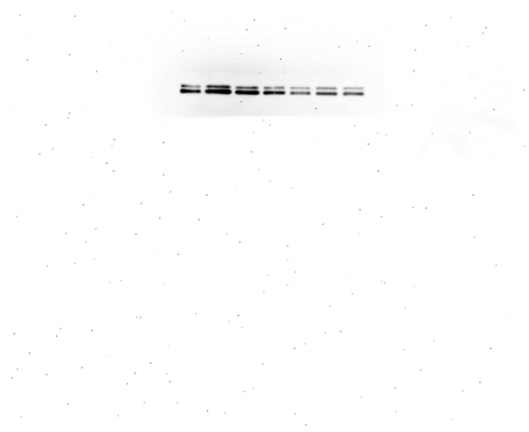


Figure 4 a. the original blot of p-ERK.



Figure 4 b. the original blot of p-ERK (another exposure image).

t-ERK:

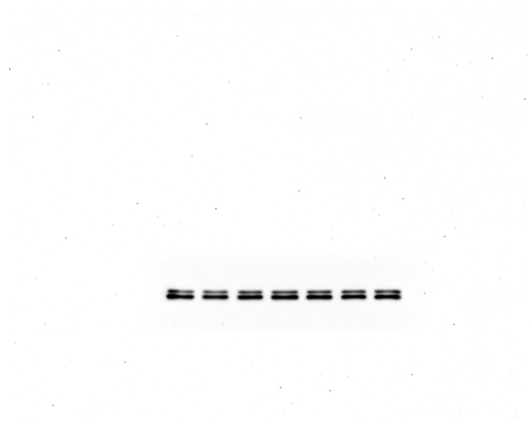


Figure 5 a. the original blot of t-ERK.

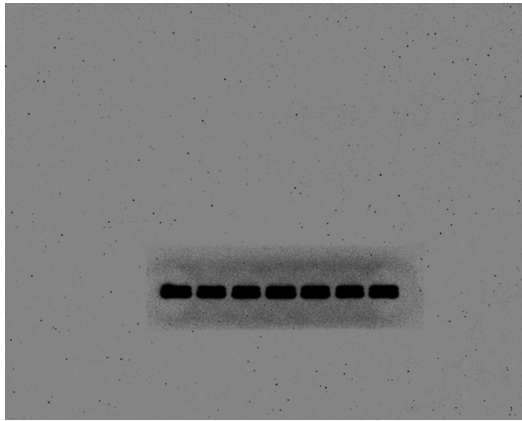


Figure 5 b. the original blot of t-ERK (another exposure image).

p-JNK:

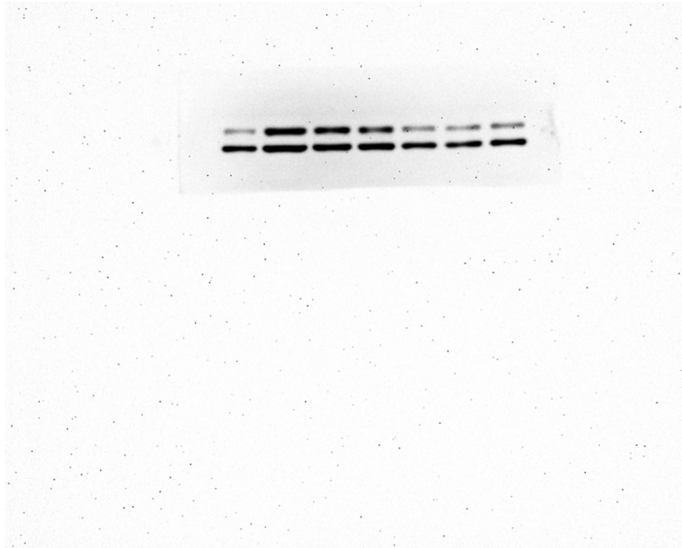


Figure 6. the original blot of p-JNK.

t-JNK:

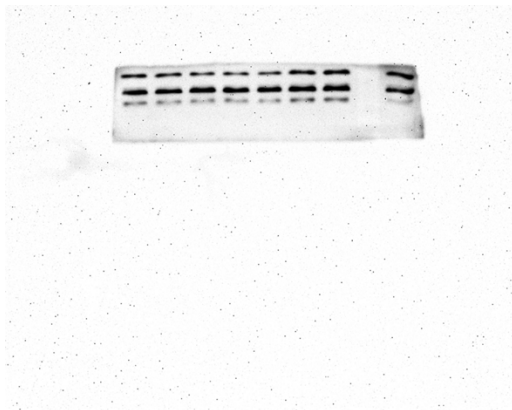


Figure 7. the original blot of t-JNK.

p-P38 (bottommost blot):



Figure 8. the original blot of p-P38 (bottommost of the blot).

t-P38:

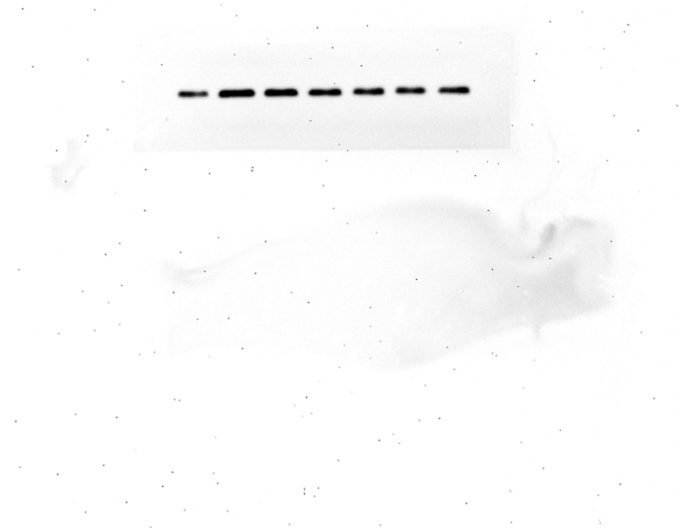


Figure 9 a. the original blot of t-P38.

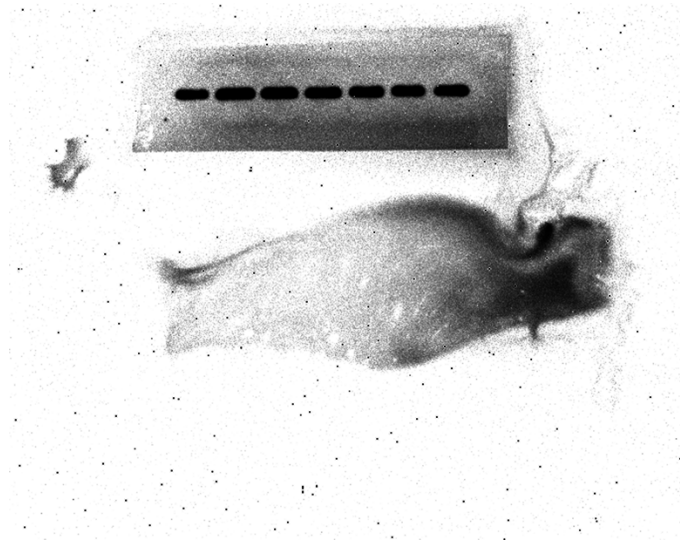


Figure 9 b. the original blot of t-P38 (another exposure image).

p-IzB α :

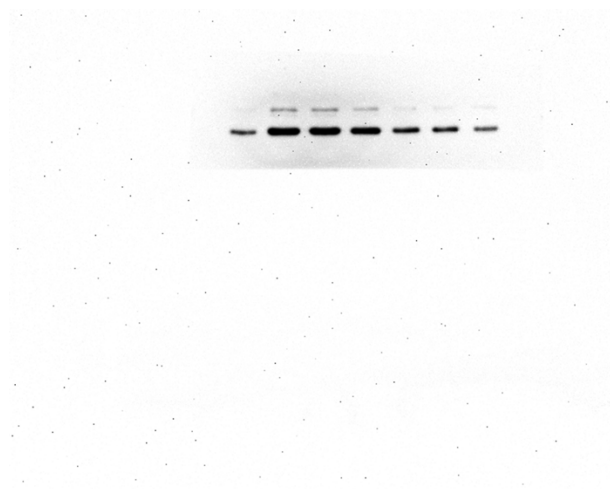


Figure 10. the original blot of p-IzB α .

t-IzB α :



Figure 11 a. the original blot of t-IzB α .

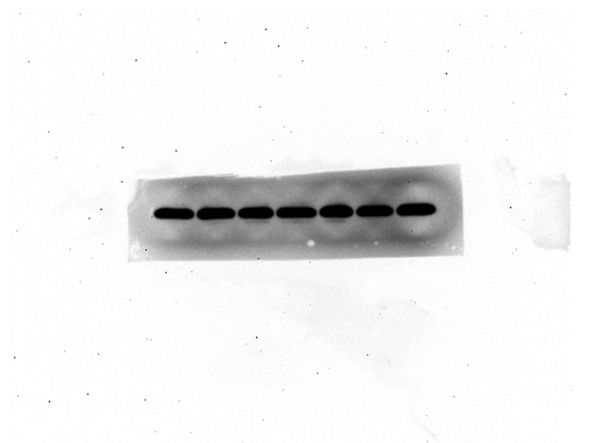


Figure 11 b. the original blot of t-IzB α (another exposure image).

p-P65 (upmost blot):

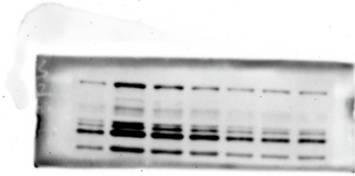


Figure 12. the original blot of p-P65 (upmost blot).

t-P65:

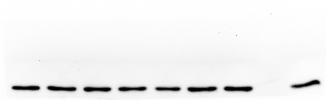


Figure 13 a. the original blot of t-P65.

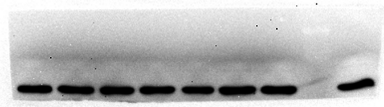


Figure 13 b. the original blot of t-P65 (another exposure image).

GAPDH (for p-ERK/t-ERK, p-JNK/t-JNK, p-P38/t-P38, p-I κ B α /t-I κ B α and p-P65/t-P65 proteins):

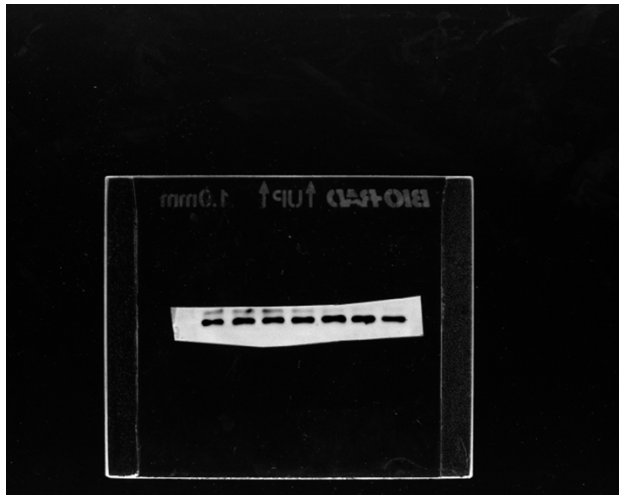


Figure 14. the original blot of GAPDH (for p-ERK/t-ERK, p-JNK/t-JNK, p-P38/t-P38, p-I κ B α /t-I κ B α and p-P65/t-P65 proteins).