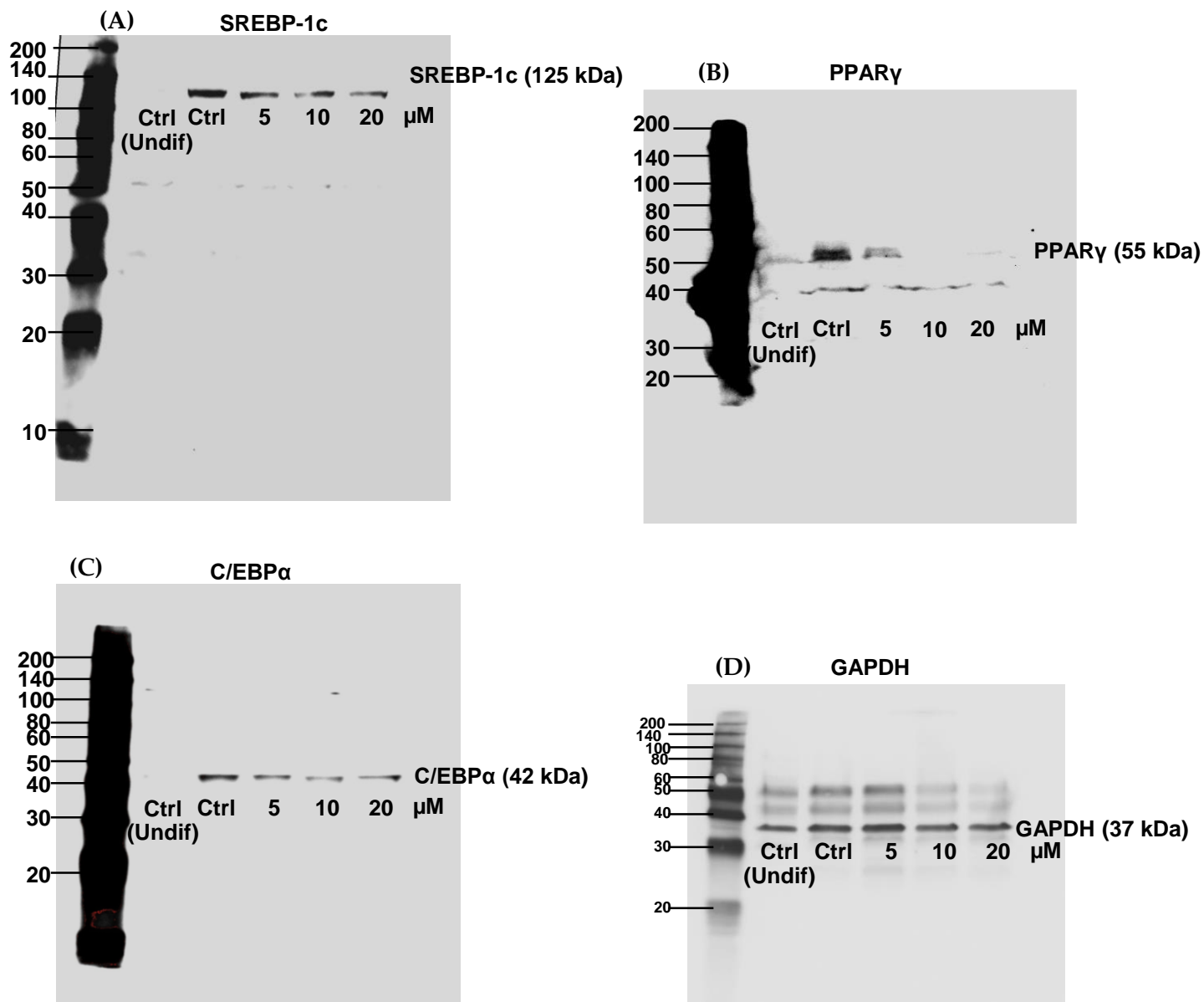
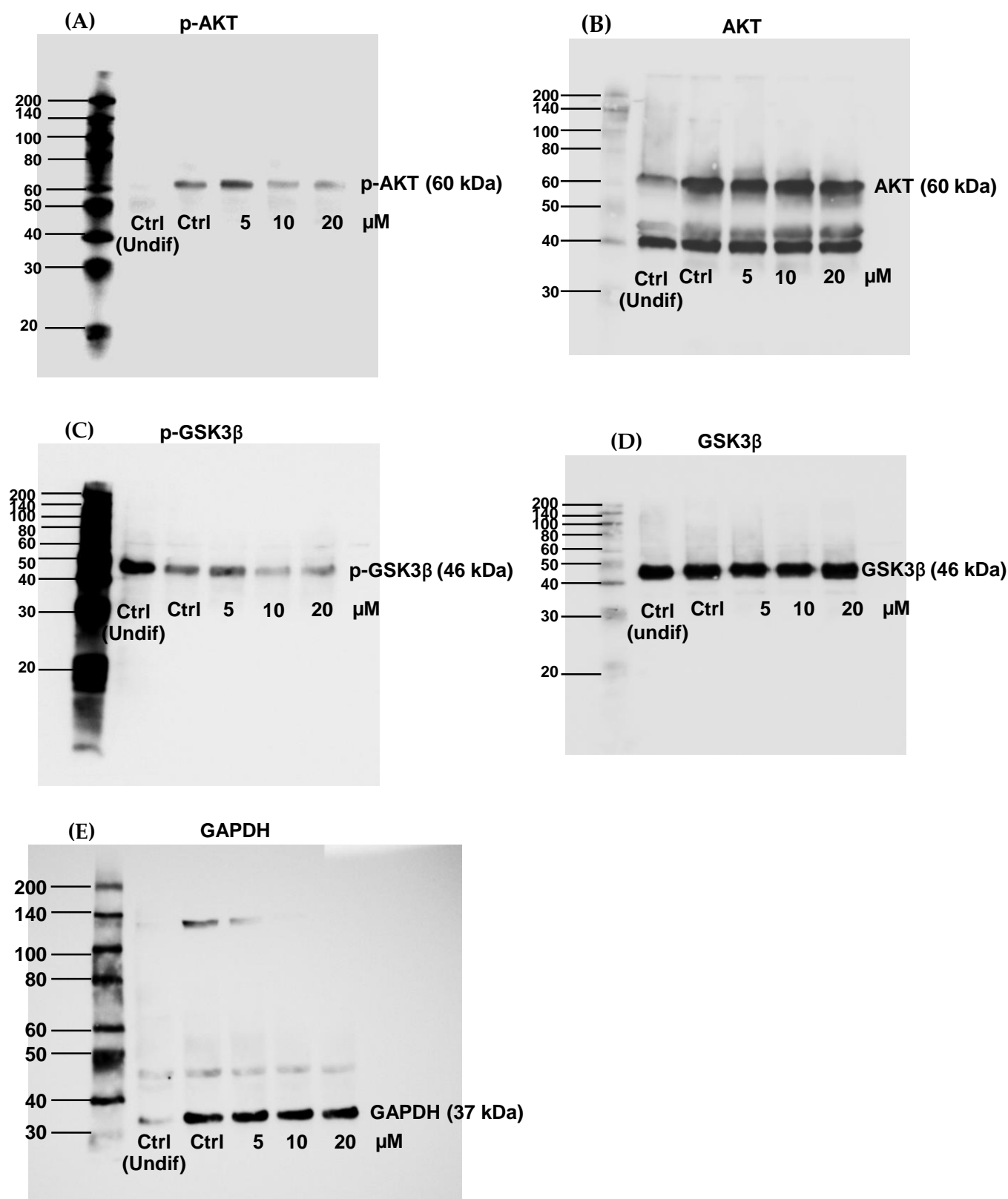


Supplementary Figures:



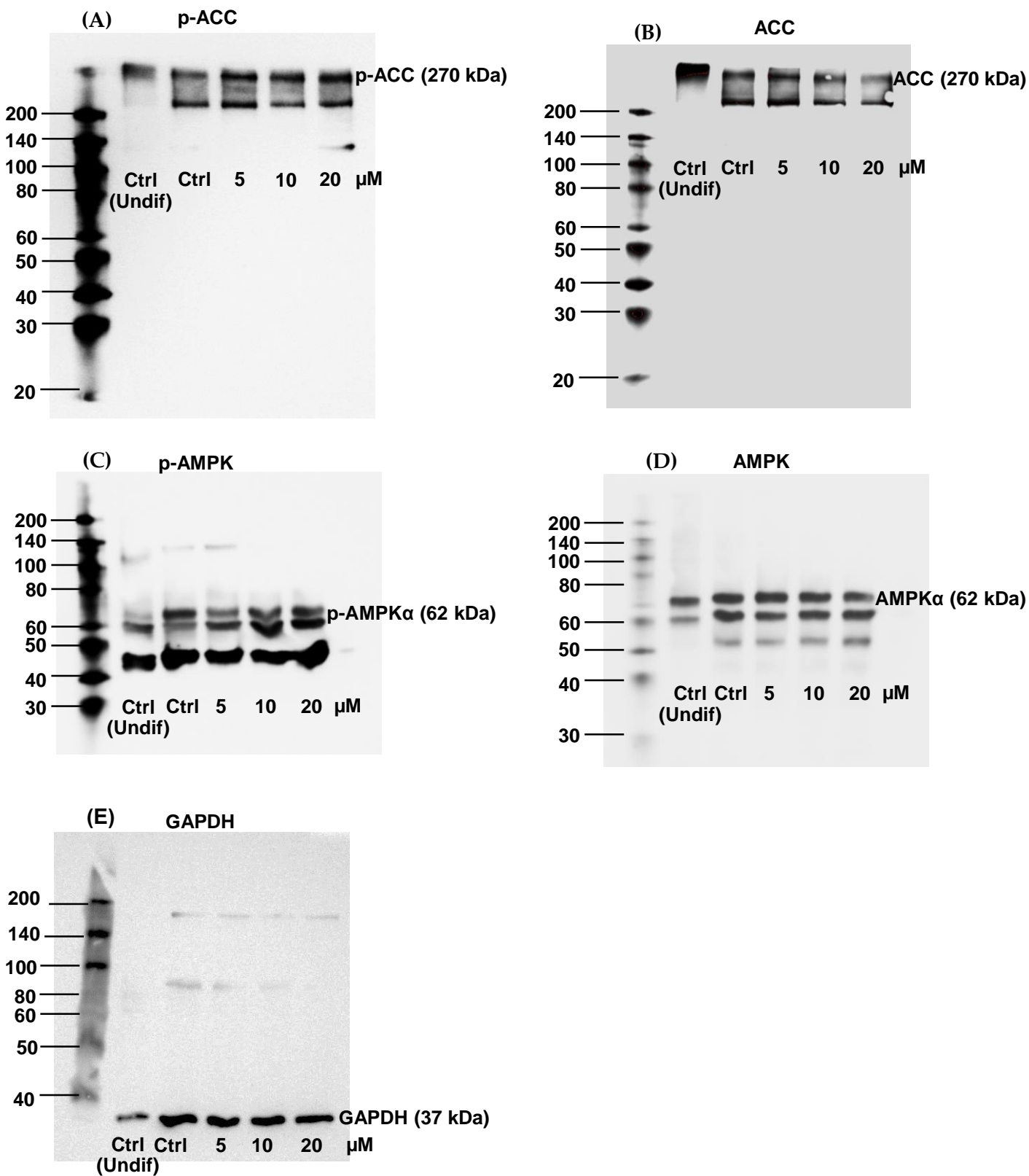
Ctrl (Undif): Undifferentiated control cells
Ctrl: Control cells

Figure S1. Original western blot images for Figure 5(b): Suppression of adipogenic transcription factors in 3T3-L1 cells by 5, 10, and 20 μM pinostrobin. Uncropped western blot images show molecular weight markers of (A) SREBP-1c (B) PPARγ (C) C/EBPα, and (D) loading control GAPDH. Significant suppressions were observed at all concentrations. For experimental details and statistical analysis, see the Experimental and Results sections.



Ctrl (Undif): Undifferentiated control cells
 Ctrl: Control cells

Figure S2. Original western blot images for Figure 6(a): Effects of pinostrobin (5, 10, and 20 μ M) on the Akt-related signaling pathway in 3T3-L1 cells. Uncropped western blot images show molecular weight markers of (A) p-AKT (B) AKT (C) p-GSK3 β (D) GSK3 β , and (E) loading control GAPDH. A decrease in the p-Akt/Akt and p-GSK3 β /GSK3 β levels was observed at 10 and 20 μ M but not at 5 μ M pinostrobin. For experimental details and statistical analysis, see the Experimental and Results sections.



Ctrl (Undif): Undifferentiated control cells
Ctrl: Control cells

Figure S3. Original western blot images for Figure 6(d): Effects of pinostrobin (5, 10, and 20 μM) on the AMPK-related signaling pathway in differentiated 3T3-L1 cells. Uncropped western blot images show molecular weight markers of (A) p-ACC (B) ACC (C) p-AMPK α (D) AMPK α , and (E) loading control GAPDH. A significant increase in the p-ACC/ACC level was observed at all concentrations, but the upregulation of the p-AMPK α /AMPK α level was found only at the concentrations of 10 and 20 μM . For experimental details and statistical analysis, see the Experimental and Results sections.

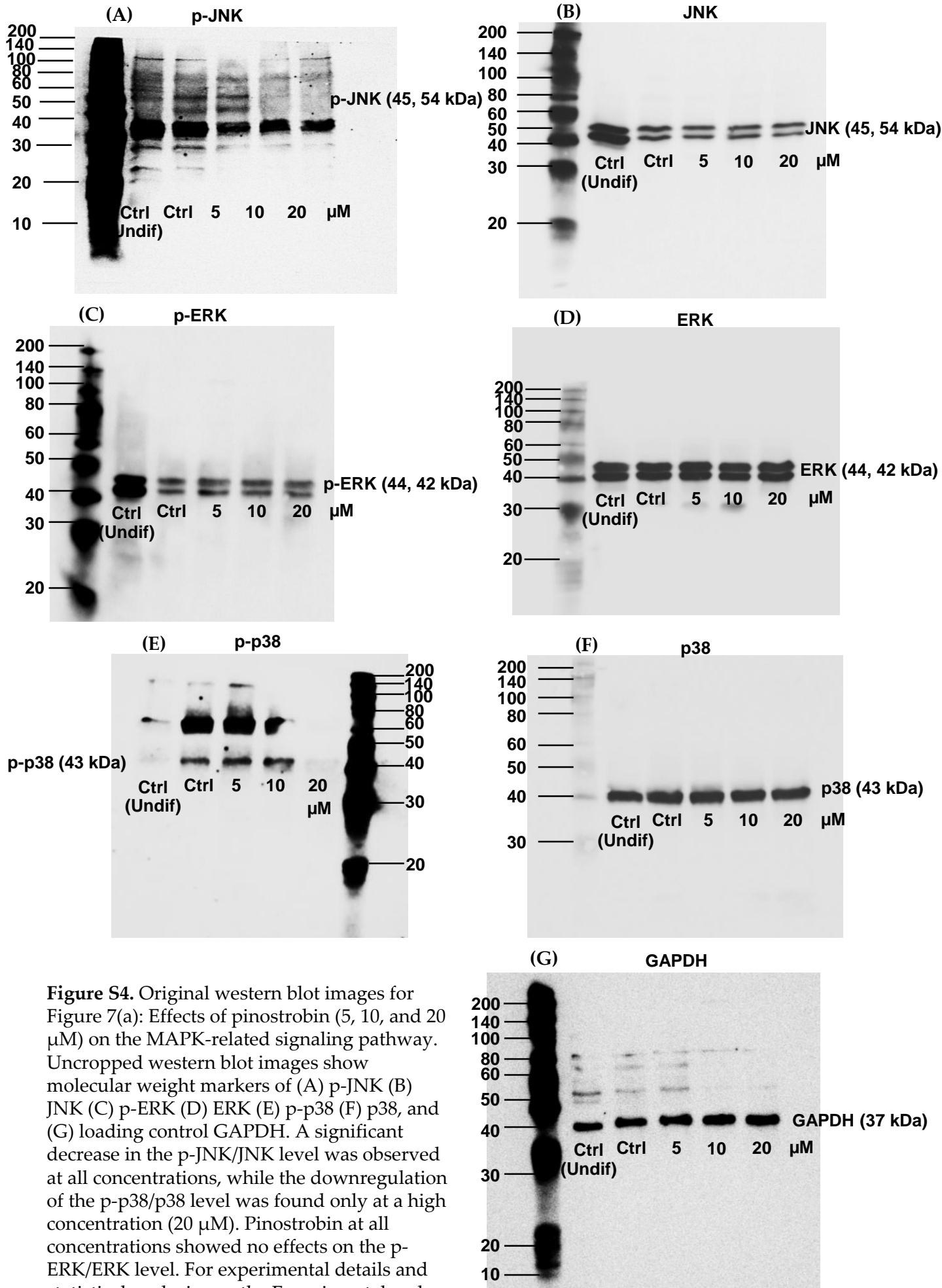


Figure S4. Original western blot images for Figure 7(a): Effects of pinostrobin (5, 10, and 20 μ M) on the MAPK-related signaling pathway. Uncropped western blot images show molecular weight markers of (A) p-JNK (B) JNK (C) p-ERK (D) ERK (E) p-p38 (F) p38, and (G) loading control GAPDH. A significant decrease in the p-JNK/JNK level was observed at all concentrations, while the downregulation of the p-p38/p38 level was found only at a high concentration (20 μ M). Pinostrobin at all concentrations showed no effects on the p-ERK/ERK level. For experimental details and statistical analysis, see the Experimental and Results sections.

Ctrl (Undif): Undifferentiated control cells
Ctrl: Control cells