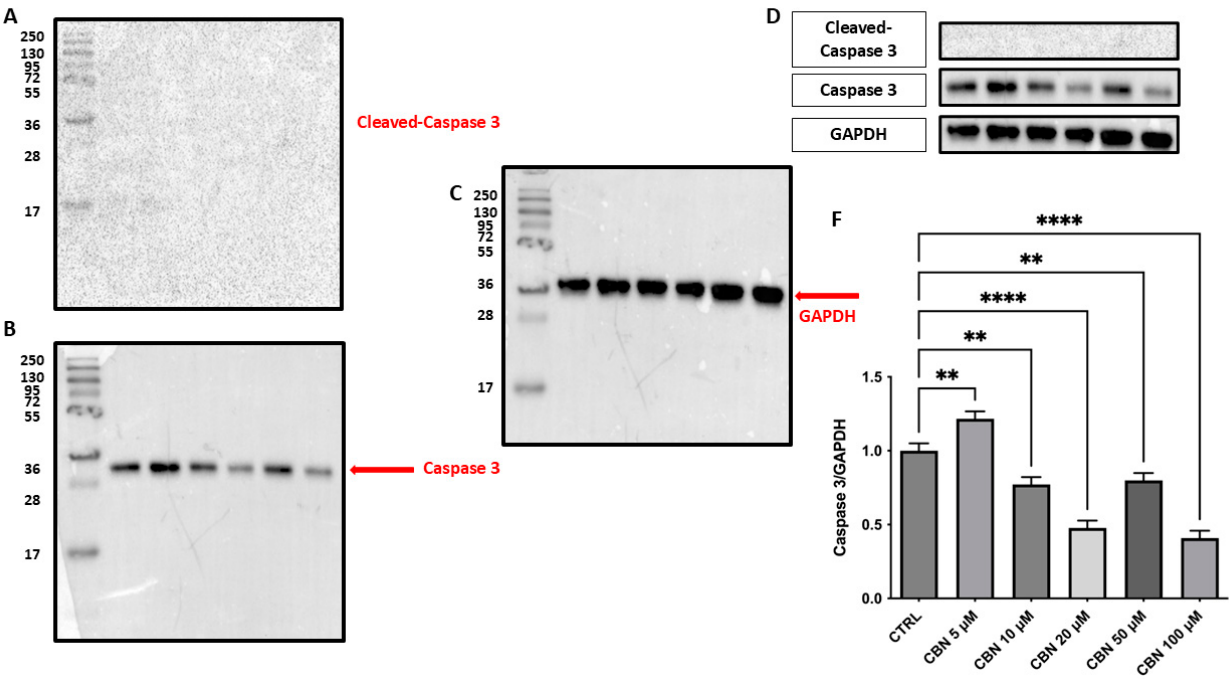
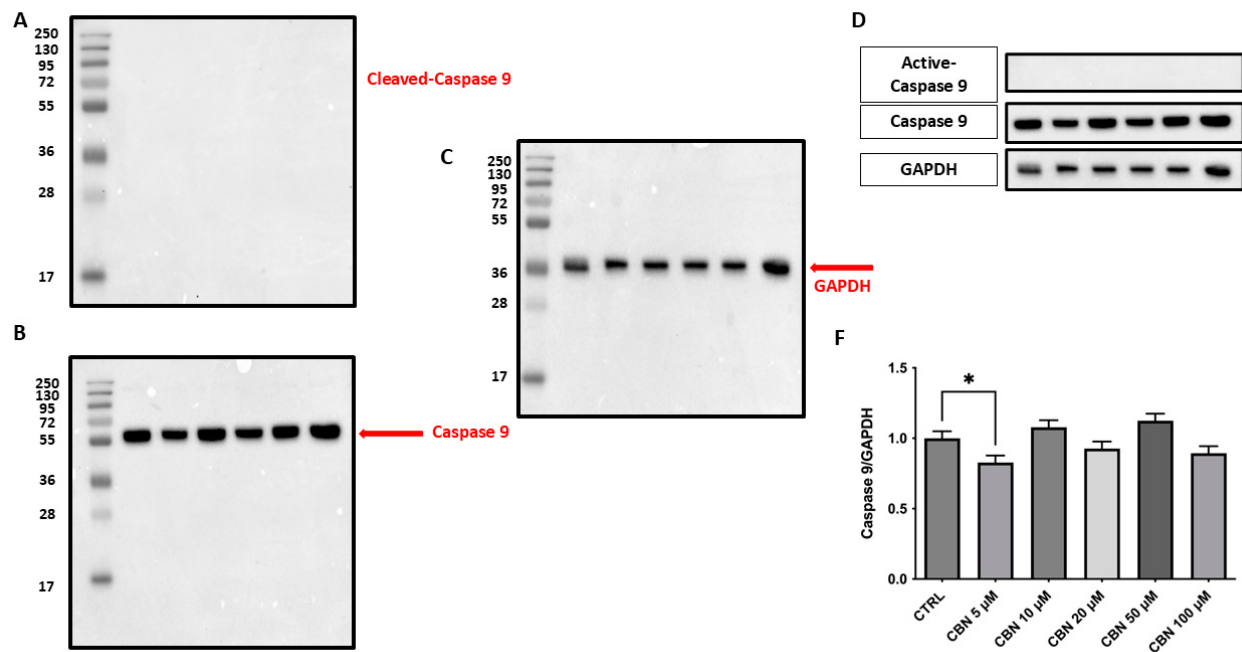


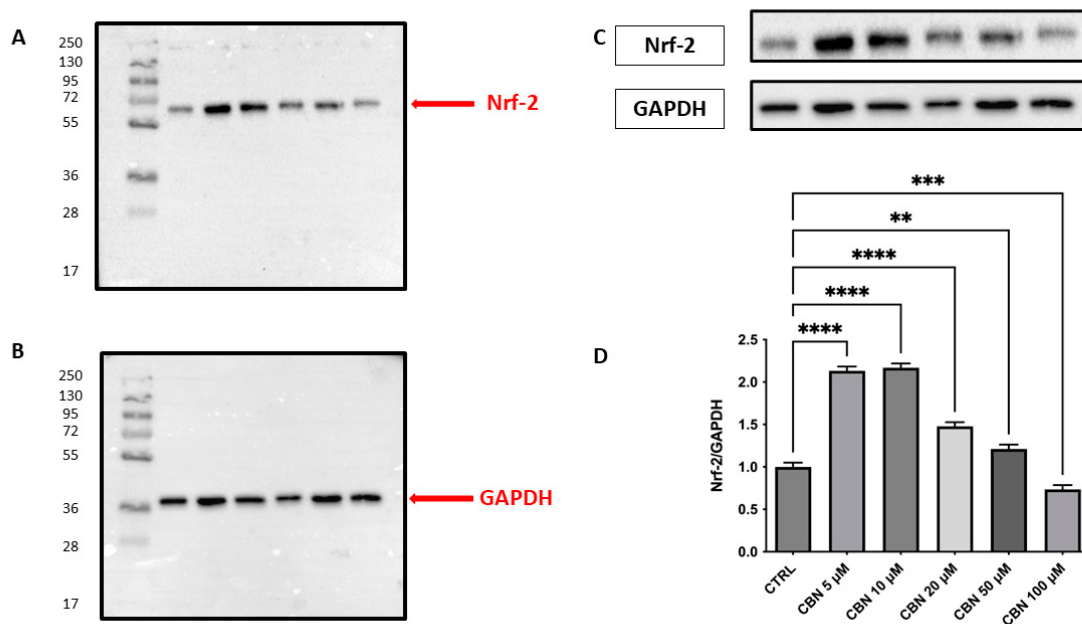
# Supplementary Figures Legend



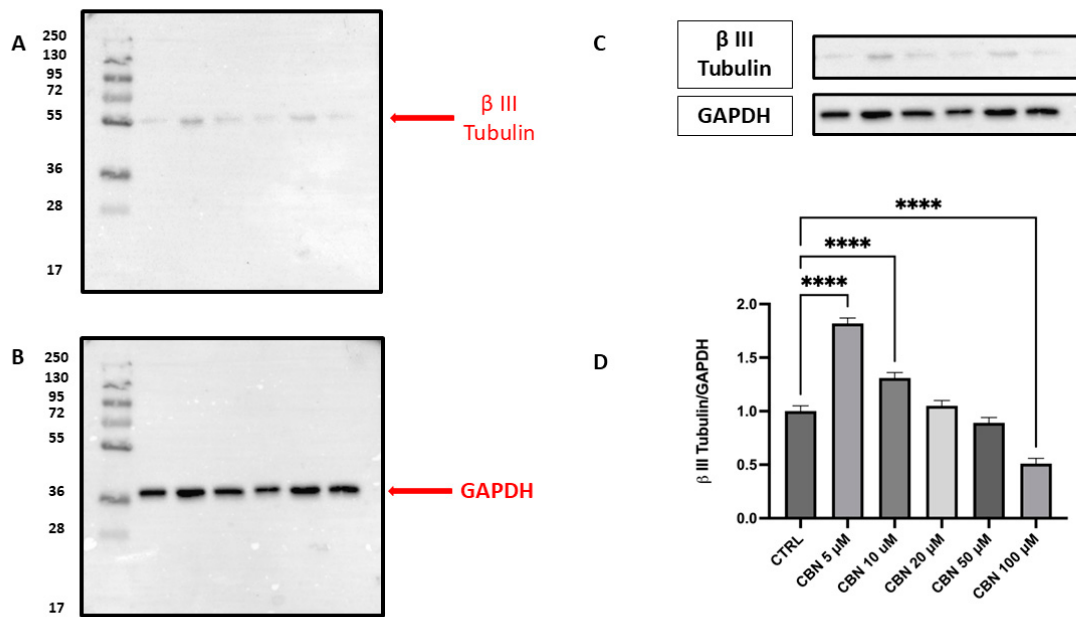
**Figure S1.** Western blot analysis showing protein expression evaluated on the protein fraction of Caspase 3. On the left-hand side of the figure, the original membrane images are shown for cleaved Caspase 3 (panel A), total Caspase 3 (panel B), and GAPDH. GAPDH, a housekeeping protein, was used to normalize the absorbance values of Caspase 3, ensuring the correction of any technical variations in protein loading. On the right-hand side of the figure, panel D presents representative blots for active Caspase 9, total Caspase 9, and GAPDH. Panel F shows the densitometric analysis of the Caspase 3/GAPDH ratio across different concentrations of CBN treatment, with statistical significance indicated by asterisks (\*\*p < 0.01, \*\*\*\*p < 0.0001).



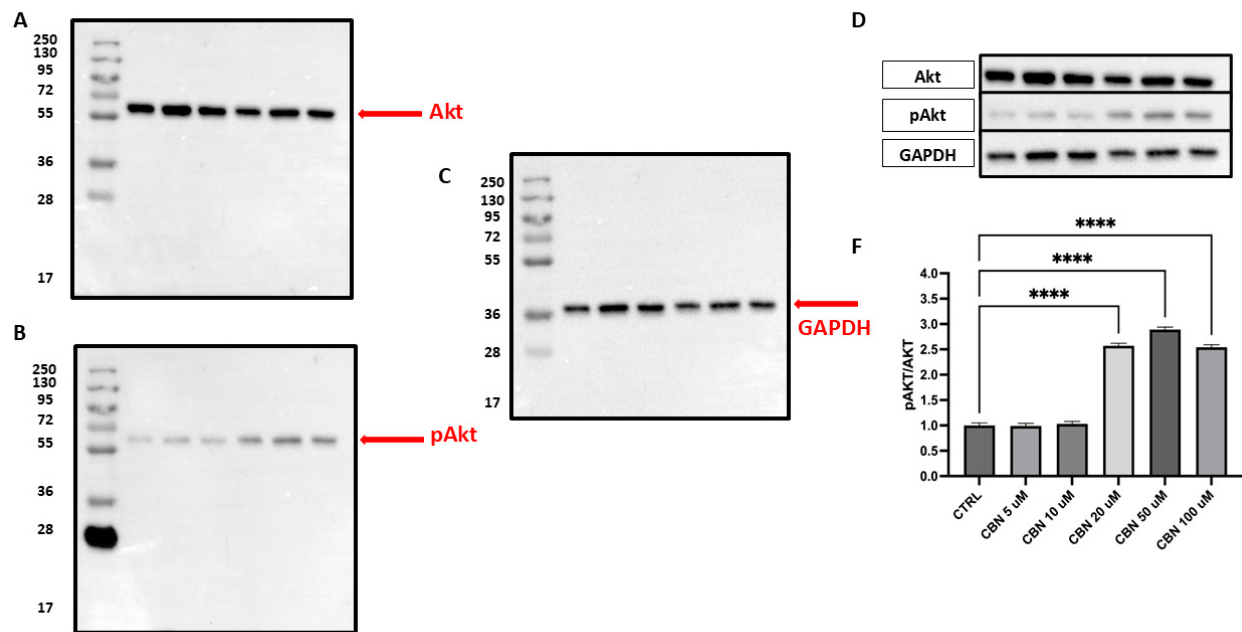
**Figure S2.** Western blot analysis showing protein expression evaluated on the protein fraction of Caspase 9. On the left-hand side of the figure, the original membrane images are shown for cleaved Caspase 9 (panel A), total Caspase 9 (panel B), and GAPDH. GAPDH, a housekeeping protein, was used to normalize the absorbance values of Caspase 9, correcting for any technical variations in protein loading. On the right-hand side of the figure, panel D presents representative blots for active Caspase 9, total Caspase 9, and GAPDH. Panel F shows the densitometric analysis of the Caspase 9/GAPDH ratio across different concentrations of CBN treatment, with statistical significance indicated by asterisk (\* $p < 0.05$ ).



**Figure S3.** Western blot analysis showing protein expression evaluated on the protein fraction of Nrf-2. On the left-hand side of the figure, the original membrane images are shown for Nrf-2 (panel A) and GAPDH (panel B). GAPDH, a housekeeping protein, was used to normalize the absorbance values of Nrf-2, ensuring the correction of any technical variations in protein loading. On the right-hand side of the figure, panel C presents representative blots for Nrf-2 and GAPDH. Panel D shows the densitometric analysis of the Nrf-2/GAPDH ratio across different concentrations of CBN treatment, with statistical significance indicated by asterisks (\*\* $p < 0.01$ , \*\*\* $p < 0.001$ , \*\*\*\* $p < 0.0001$ ).



**Figure S4.** Western blot analysis showing protein expression evaluated on the protein fraction of  $\beta$  III Tubulin. On the left-hand side of the figure, the original membrane images are shown for  $\beta$  III Tubulin (panel A) and GAPDH (panel B). GAPDH, a housekeeping protein, was used to normalize the absorbance values of  $\beta$  III Tubulin, correcting for any technical variations in protein loading. On the right-hand side of the figure, panel C presents representative blots for  $\beta$  III Tubulin and GAPDH. Panel D shows the densitometric analysis of the  $\beta$  III Tubulin/GAPDH ratio across different concentrations of CBN treatment, with statistical significance indicated by asterisks (\*\*\*\* $p < 0.0001$ ).



**Figure S5.** Western blot analysis showing protein expression evaluated on the protein fraction of Akt and pAkt. On the left-hand side of the figure, the original membrane images are shown for Akt (panel A), pAkt (panel B), and GAPDH (panel C). GAPDH, a housekeeping protein, was used to normalize the absorbance values of Akt and pAkt, correcting for any technical variations in protein loading. On the right-hand side of the figure, panel D presents representative blots for Akt, pAkt, and GAPDH. Panel F shows the densitometric analysis of the pAkt/Akt ratio across different concentrations of CBN treatment, with statistical significance indicated by asterisks (\*\*\*\* $p < 0.0001$ ).