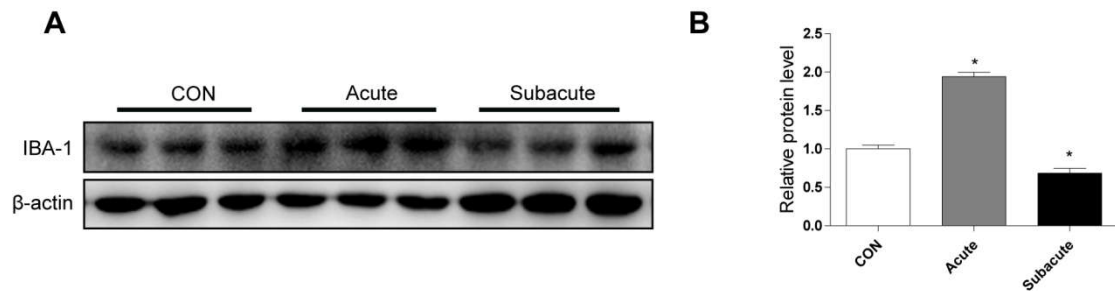
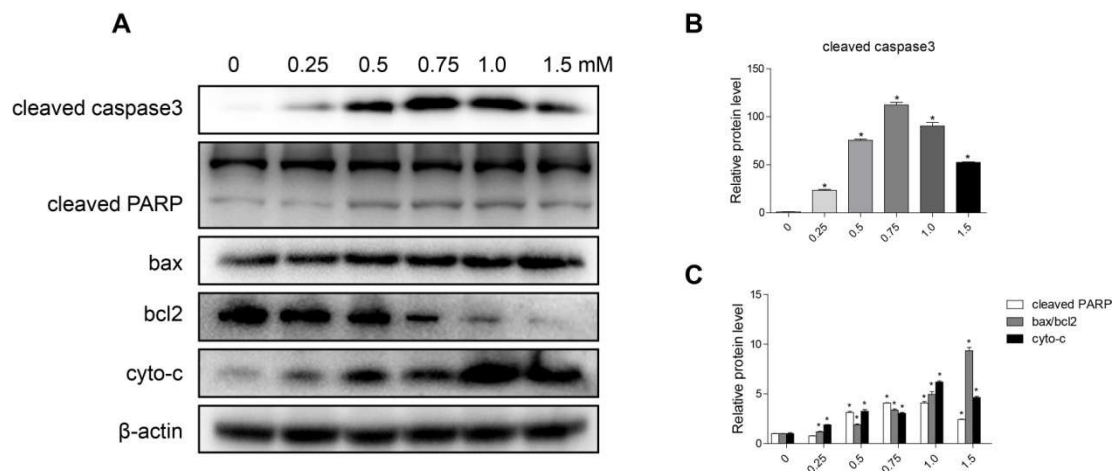


Supplementary materials



Supplement FIG1 MA exposure induces IBA-1 expression *in vivo*. Representative Western blots (A) and quantitative analyses (B) of IBA-1 in the corpus striatum tissues of mice from the control group, acute group and subacute group. N=5-8 animals/group. Fold induction relative to the vehicle-treated group (* $p < 0.05$ vs. the vehicle-treated group using one-way ANOVA). β -actin was used as a loading control. All data are presented as the mean \pm SD.



Supplement FIG 2 MA increases apoptosis in a dose dependent manner. Microglial line BV 2 cells were treated with 0.25–1.5 mM MA for 24 h (A-C). The protein expression levels of the cleaved caspase3 and cleaved PARP, ratio of bax/bcl2 and cytochrome c were determined with Western blot and quantitative analyses. β -actin was used as a loading control. The fold induction relative to that in vehicle-treated cells is shown. Data are presented as the means \pm SD. * $P < 0.05$ vs. the saline vehicle-treated control group. Data were analyzed by one-way ANOVA.