



SUPPLEMENTARY FIG. S3. H₂S attenuated STAT3 activation via a JAK2-independent manner in the post-treatment model. (A) H₂S concentration in culture medium of Huh7 cells ($n=3$). H₂S level was increased by L-cysteine (100–500 μ M), but inhibited by PAG (2 mM) and AOAA (10 μ M). (B, C) Densitometry analysis of JAK2/STAT3 phosphorylation of Huh7 cells in the post-treatment model ($n=4$). (D) Densitometry analysis of native p-STAT3 dimers in Huh7 cells ($n=4$). Data are represented as the mean \pm SEM of three individual experiments. # $p < 0.05$ and ## $p < 0.01$ compared with the control group; * $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$ compared with the IL-6 group unless indicated. P and A stand for PAG and AOAA, respectively. AOAA, aminooxyacetic acid; PAG, propargylglycine.