

ORIGINAL RESEARCH ARTICLE

Homoharringtonine inhibits pancreatic cancer progression via mitochondrial energy metabolism suppression and macrophages reduction

Supplementary File

Table S1. IC50 of HHT for different pancreatic cancer cells

Cell type	Cell line	24-h IC50 (nM)
Human PDAC cell	PANC-1	23.11
	SW1990	144.00
Murine pancreatic cancer cell	Pan02-mCherry	20.67

Abbreviations: PDAC: Pancreatic ductal adenocarcinoma; IC50: Half-maximal inhibitory concentration.

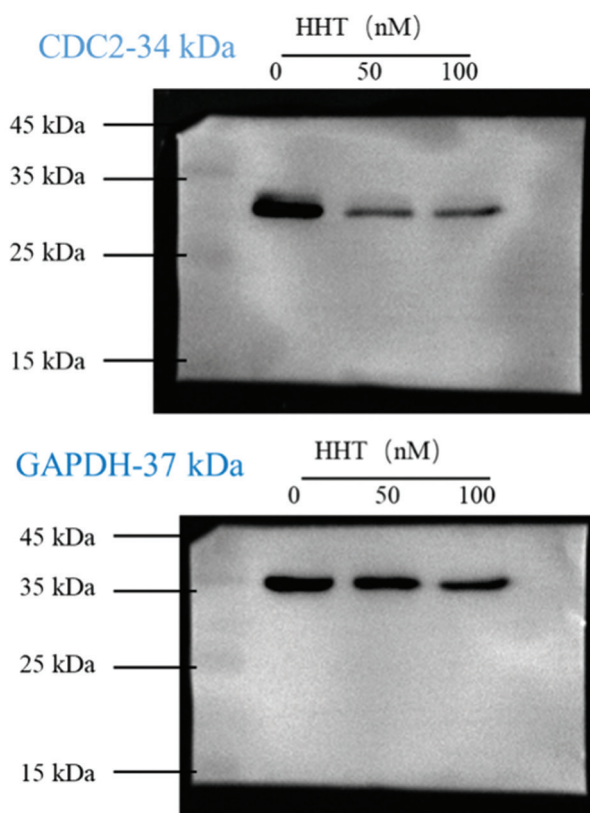


Figure S1. Uncropped Western blot images of CDC2 (upper) and GAPDH (lower, served as loading control) in Figure 5B. These images were used as representative blots shown in the manuscript. Abbreviation: HHT: Homoharringtonine.

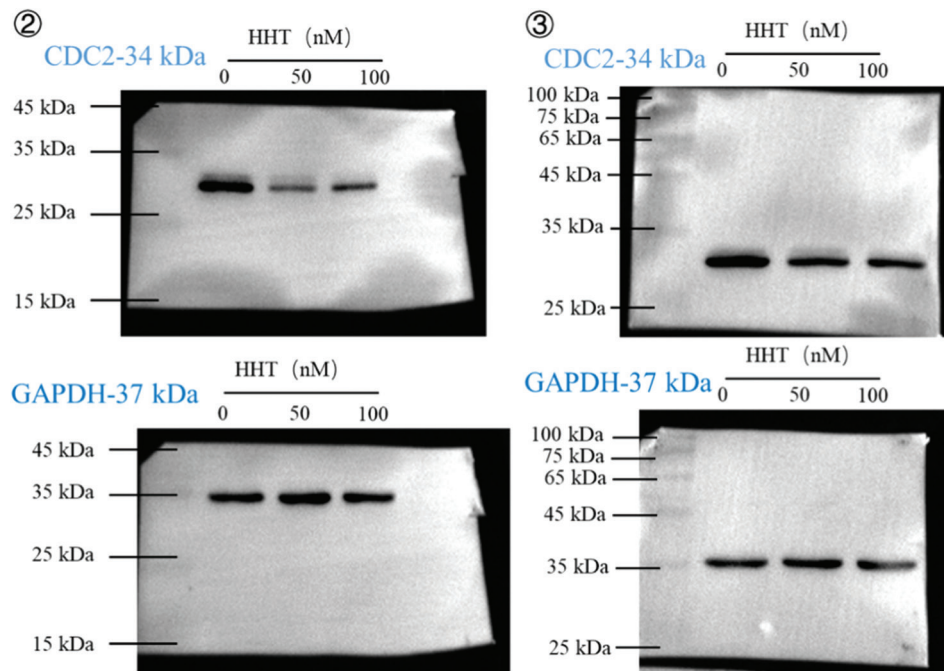


Figure S2. Uncropped Western blot images from two more independent replicate experiments for CDC2 blotting, with GAPDH as the loading control. These images, together with the representative blot, were used for quantification and are shown in the column graph in Figure 5C. Abbreviation: HHT: Homoharringtonine.

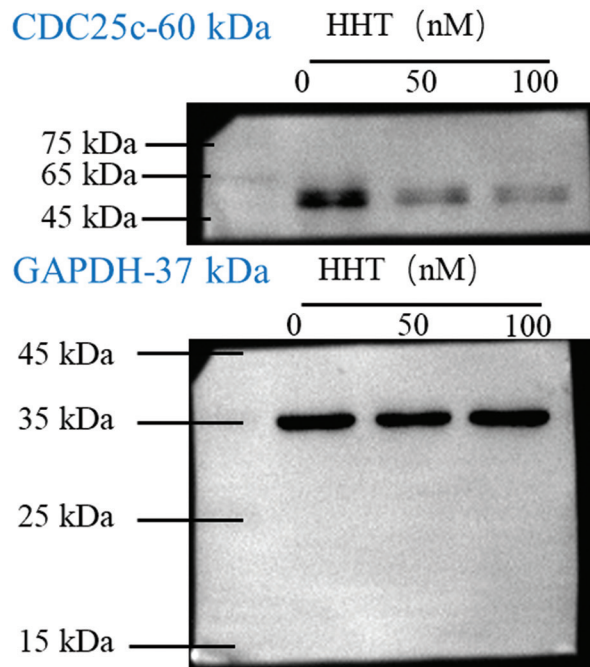


Figure S3. Uncropped Western blot images of CDC25c (upper) and GAPDH (lower, served as loading control) in Figure 5B. These images were used as representative blots shown in the manuscript. Abbreviation: HHT: Homoharringtonine.

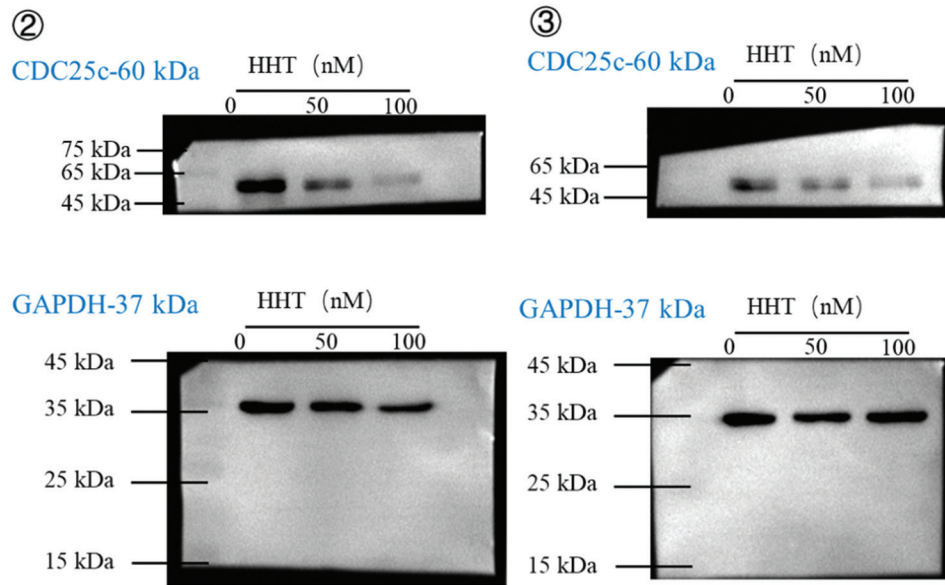


Figure S4. Uncropped Western blot images from two more independent replicate experiments for CDC25c blotting, with GAPDH as the loading control. These images, together with the representative blot, were used for quantification and are shown in the column graph in Figure 5C. Abbreviation: HHT: Homoharringtonine.

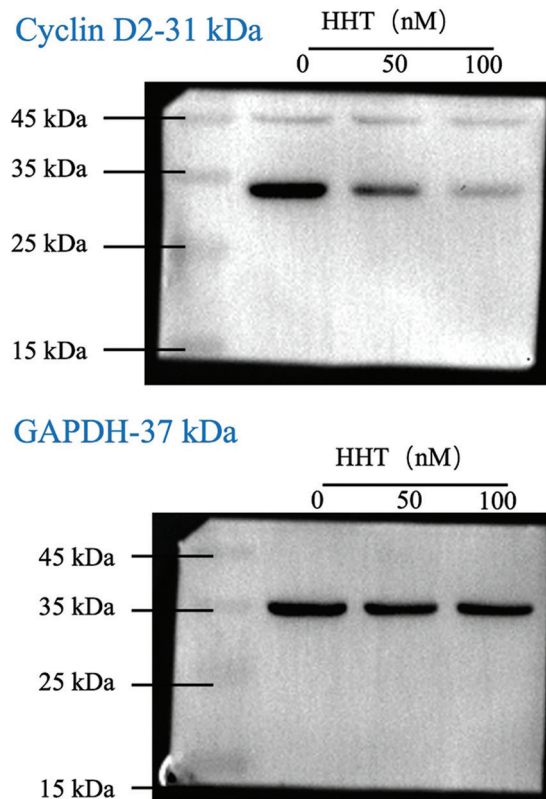


Figure S5. Uncropped Western blot images of cyclin D2 (upper) and GAPDH (lower, served as loading control) in Figure 5B. These images were used as representative blots shown in the manuscript. Abbreviation: HHT: Homoharringtonine.

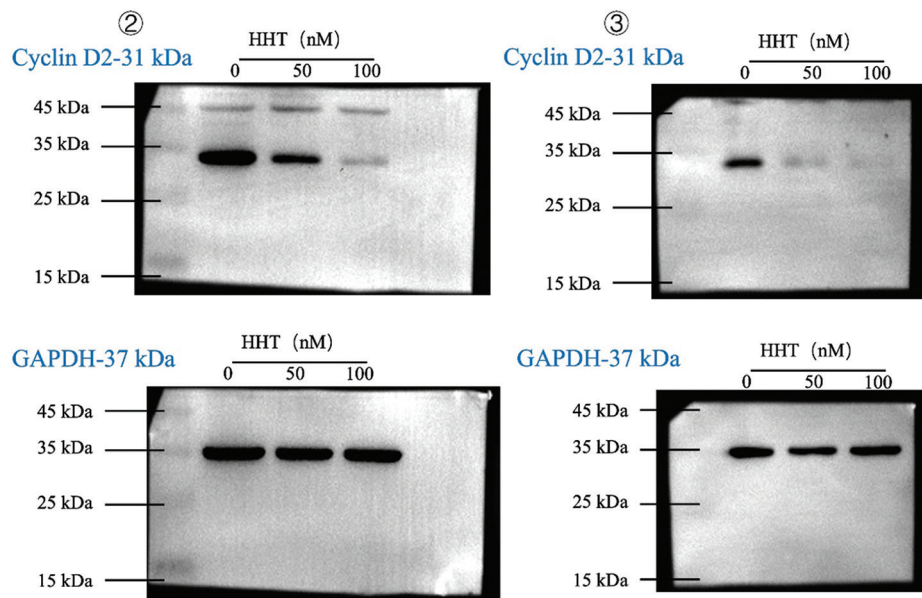


Figure S6. Uncropped Western blot images from two more independent replicate experiments for cyclin D2 blotting, with GAPDH as the loading control. These images, together with the representative blot, were used for quantification and are shown in the column graph in Figure 5C. Abbreviations: HHT: Homoharringtonine.

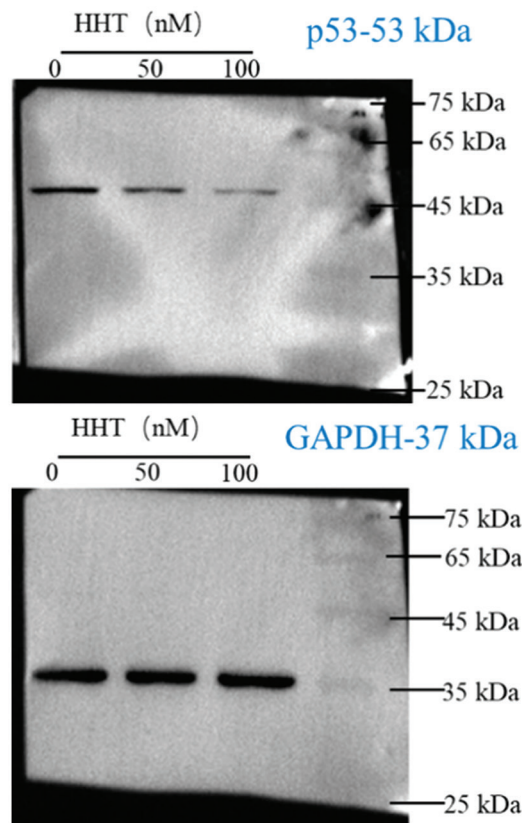


Figure S7. Uncropped Western blot images of p53 (upper) and GAPDH (lower, served as loading control) in Figure 5B. These images were used as representative blots shown in the manuscript. VAbbreviation: HHT: Homoharringtonine.

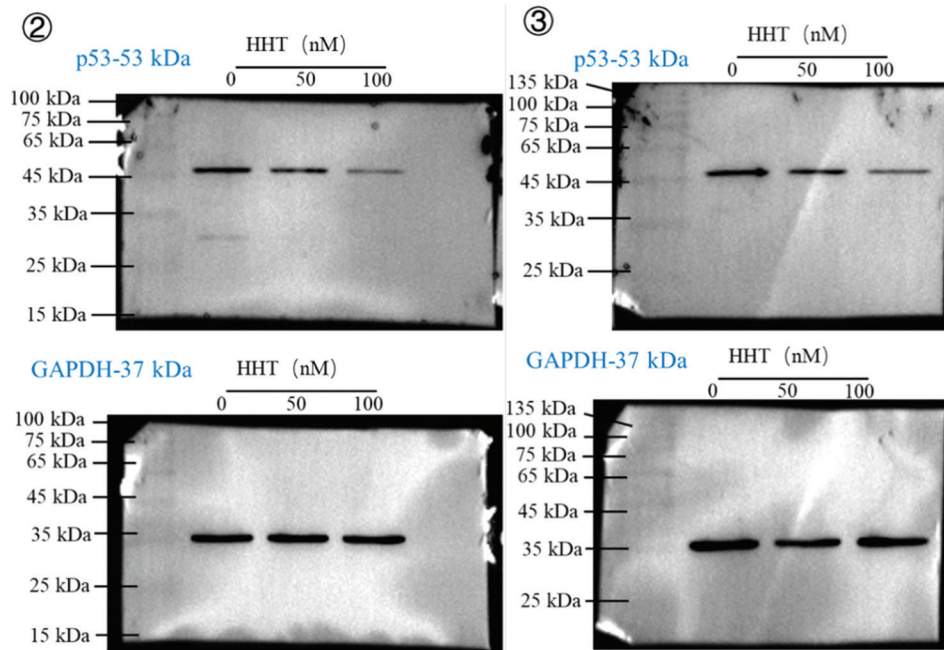


Figure S8. Uncropped Western blot images from two more independent replicate experiments for p53 blotting, with GAPDH as the loading control. These images, together with the representative blot, were used for quantification and are shown in the column graph in Figure 5C. Abbreviation: HHT: Homoharringtonine.