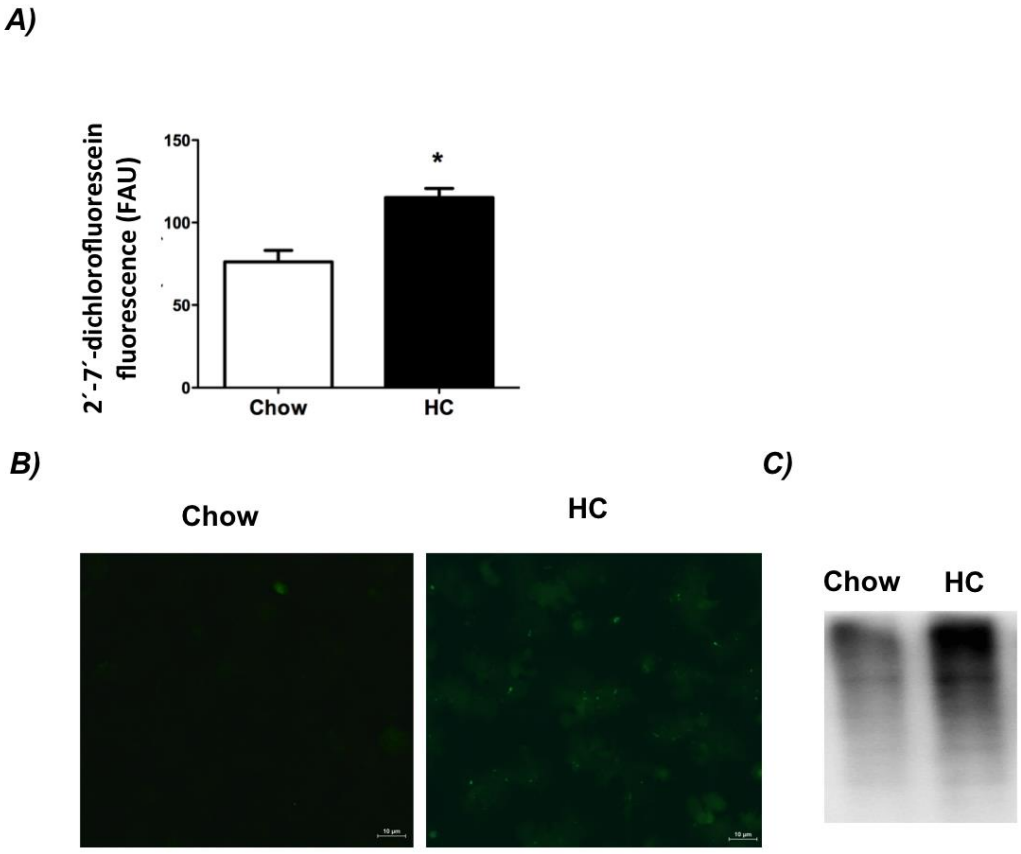
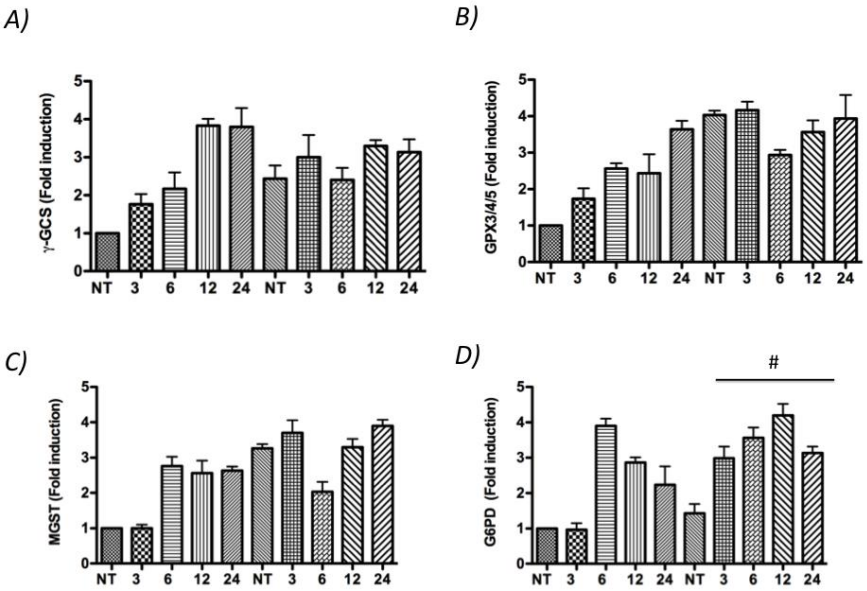
Supplementary information and data

Antibody	Catalog	Company	Dilution
Catalase	C0979	Sigma Aldrich	1:3000
SOD 1	sc-11407	Santa Cruz Biotechnology	1:2000
γ-GCS	sc-22755	Santa Cruz Biotechnology	1:1000
MGST	sc-138	Santa Cruz Biotechnology	1:200
GPX 3/5/6	sc-55102	Santa Cruz Biotechnology	1:200
G6PD	8866	Cell Signaling	1:1000
Actin	A3854	Sigma Aldrich	1:10,000

Supplementary table 1. Antibodies used in Western blots studies in the present work
SOD, Superoxide dismutase; g-GCS, g-glutamylcysteine synthetase; MGST, mammal Glutathione S transferase; GPX, Glutathione peroxidase. G6PD, Glucose-6-Phosphate Dehydrogenase



Supplementary figure 1 *Cholesterol induces oxidative stress in primary mouse hepatocytes*. Peroxides content determined by DCFH fluorescence in, (A) chow and, (B) HC hepatocytes. (C) Quantification of 2′,7′-dichlorofluorescein fluorescence, data are reported as fluorescence arbitrary units (FAU). (D) Protein oxidation determined by oxyblot. Images are representative of at least three independent experiments. Each column represents mean ± SEM of at least four independent experiments. * $p < 0.05$ vs chow diet.



Supplementary figure 2 *HGF effect on antioxidants enzymes.* Densitometric analysis of Western blots of figure 4. (A) γ- gamma glutamyl cysteine sinthetase (γ-GCS); (B) GSH peroxidase (GPX) 3/4/5; (C) mammal GSH S transferase (MGST); and (D) glucose-6-phosphate dehydrogenase (G6PD). Each column represents mean ± SEM of at least four independent experiments. * $p < 0.05$ vs not treated Chow cells, # $p < 0.05$ vs not treated HC cells.