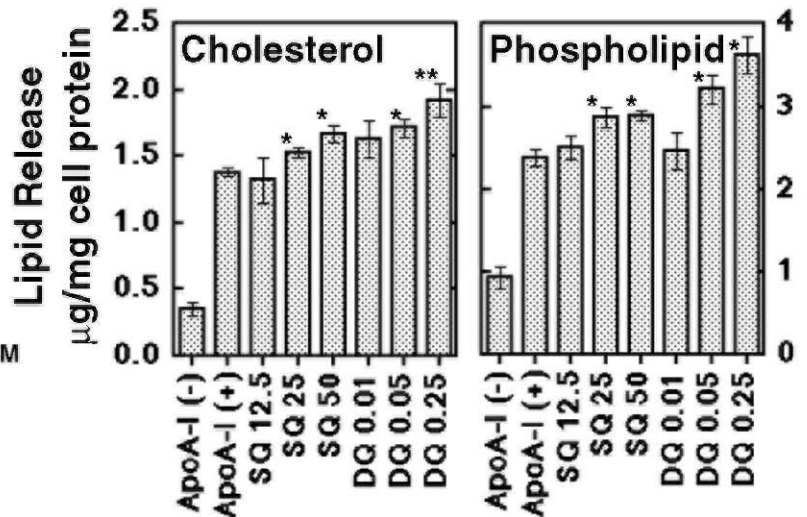
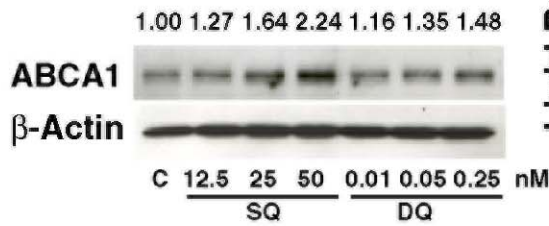
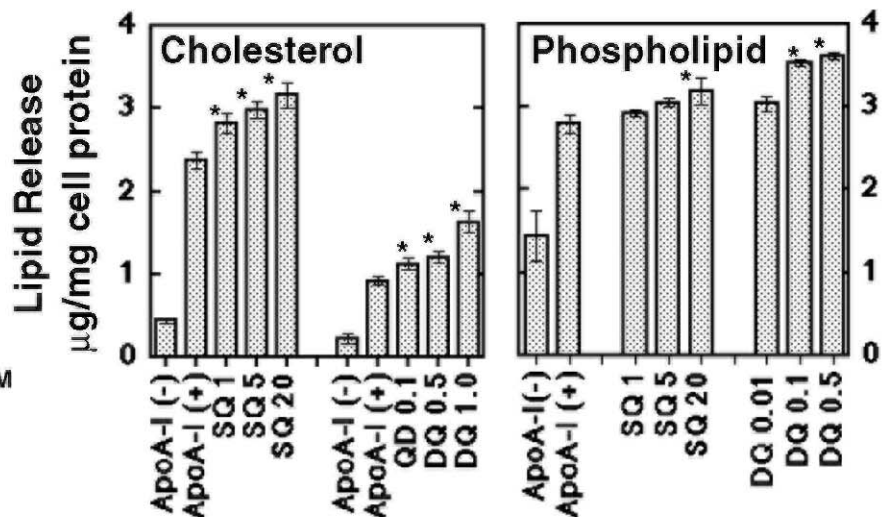


Supplementary Figure I. Dose dependent effects of SQ and DQ on ABCA1 expression and apoA-I-dependent cellular lipid release in cultured cells (**A, B**). * $p < 0.05$ and ** $P < 0.01$ from apoA-I (+) control. The increase of ABCA1 protein was significant from control (apoA-I (-)) ($p < 0.05$) after digital scanning and standardization for β -actin. mRNA of ABCA1 was standardized for GAPDH/ β -actin (**C**).

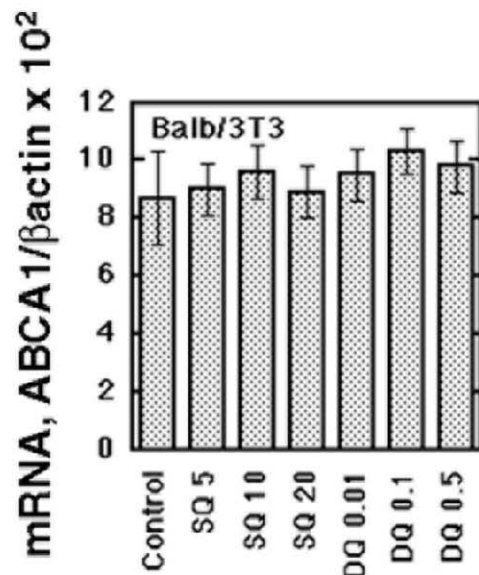
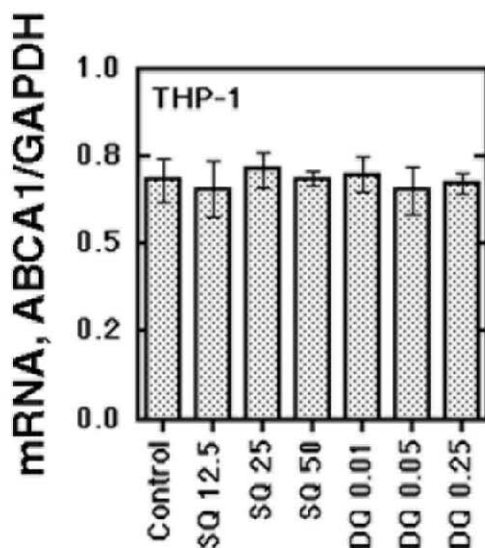
A THP-1

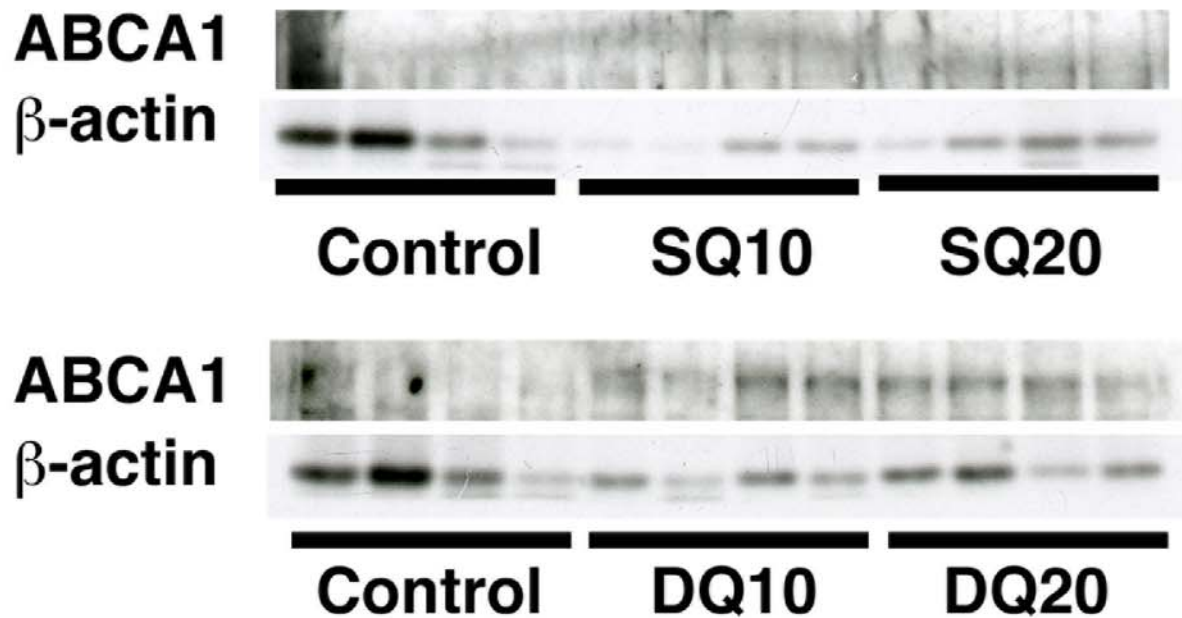


B Balb/3T3



C

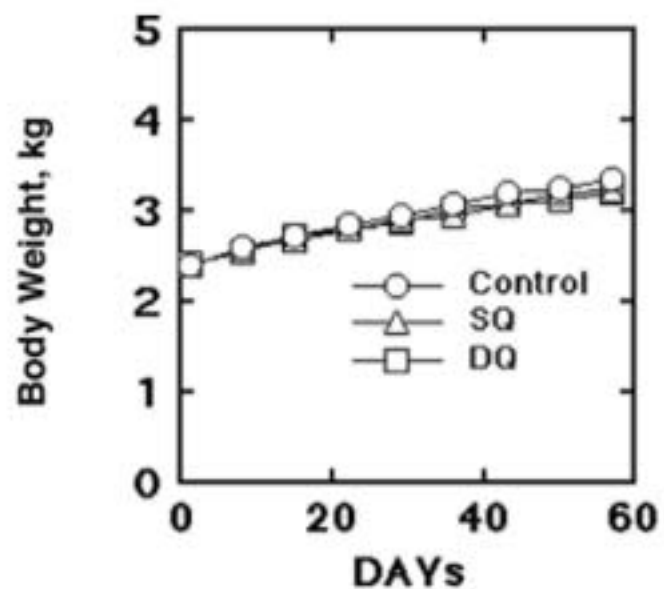




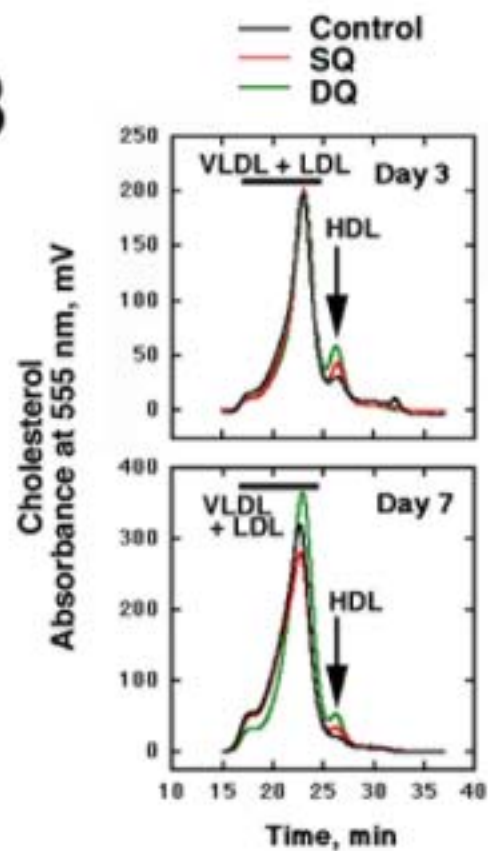
Supplementary Figure II. Western blotting data of ABCA1 expressed in the liver of the rabbits to which SQ or DQ was orally given as the indicated amounts in mg/kg/day. Data correspond to Figure 4A.

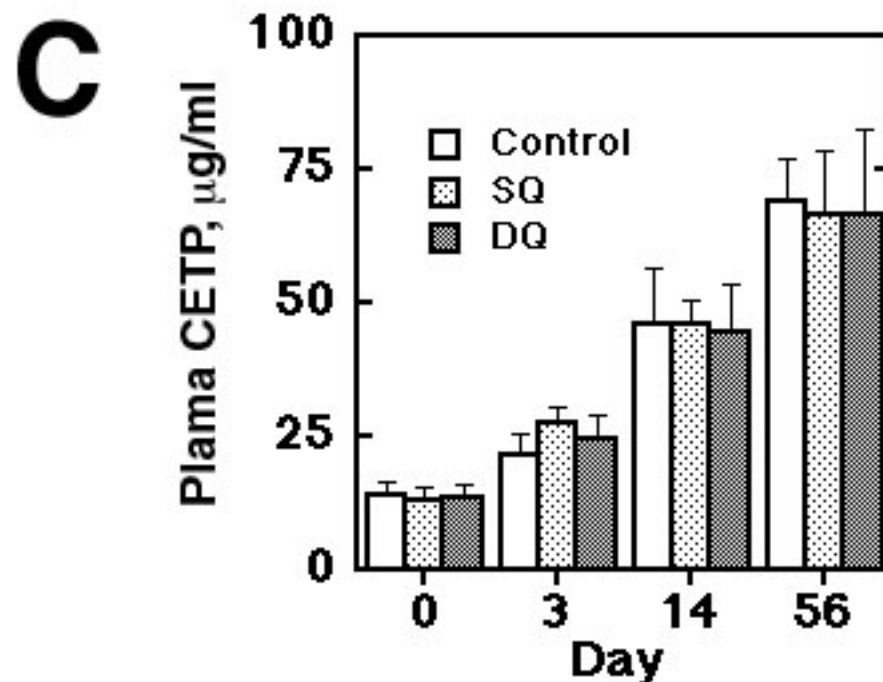
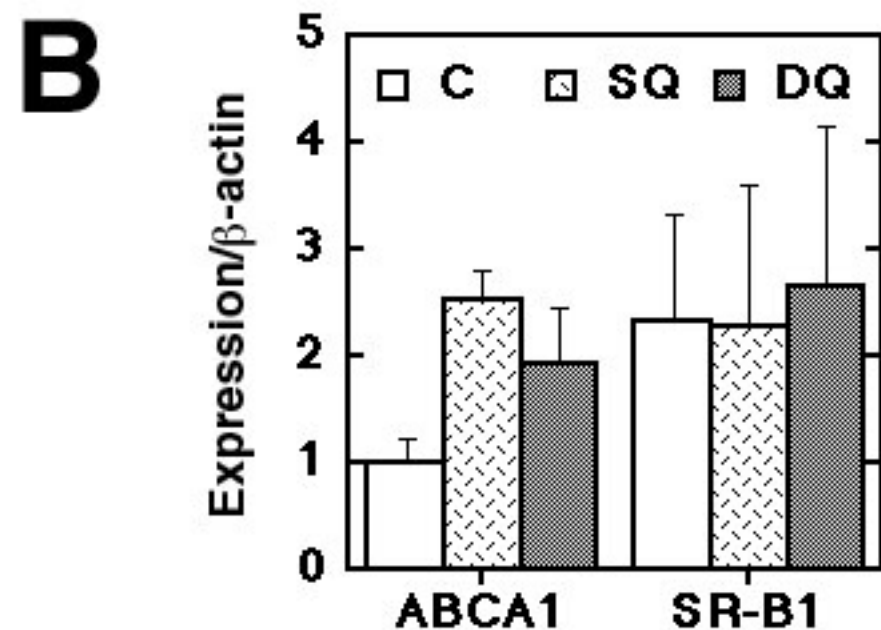
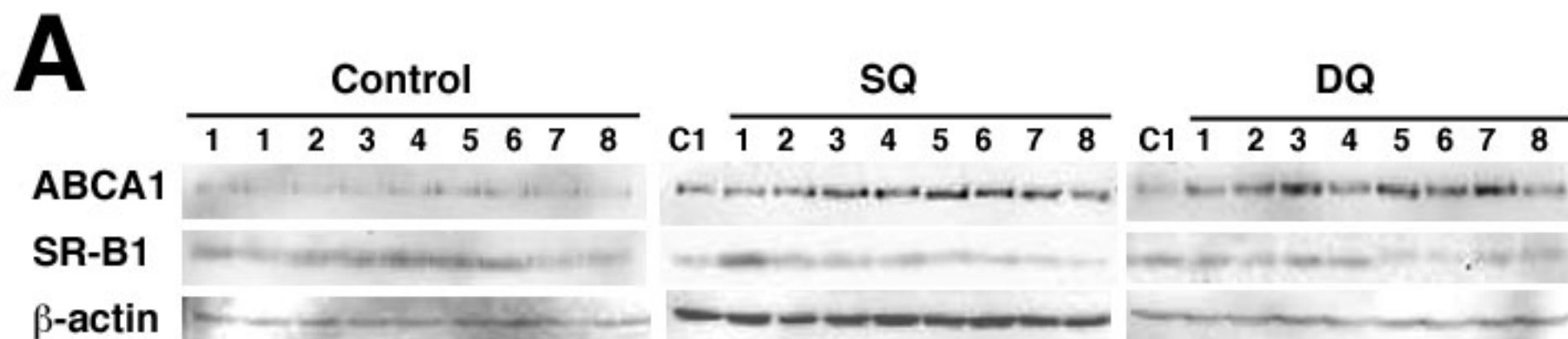
Supplementary Figure III. A: Body weight change of the rabbits during the experimental course. **B:** HPLC analysis of plasma lipoprotein at the day 3 and the day 7 of the experiment. The pooled plasma of each experimental group was analyzed.

A



B





Supplementary Figure IV. Expression of ABCA1 and SR-B1 in the liver of the cholesterol-fed rabbits after 8 weeks. **A:** Proteins were analyzed by Western blotting by using respective specific antibody as described in the text in detail. SQ: spiroquinone; DQ: diphenquinone; C1: Control 1 for reference in each gel. **B:** Each band was digitally quantified and expressed as relative value to β -actin in the graph. **C:** Plasma CETP mass measured by immuno-sorbent assay. CETP mass increased from the day zero at each measurement ($p < 0.01$) but showed no difference among the treatment groups.

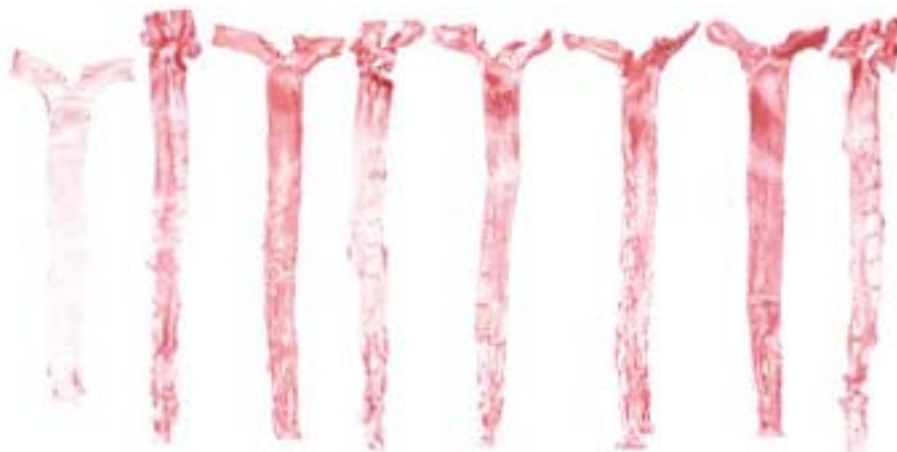
Control



Spiroquinone



Diphenoxinone



Supplementary Figure V. Vascular lipid deposit in cholesterol-fed rabbits in aortas including aortic arch. Lipid was stained with Oil-Red O. Detailed methods are described in the text.