



Effect of berberine on mRNA level of mTOR. Quantitative PCR analysis of mTOR mRNA levels in ox-LDL induced J774A.1 cells treated with BBR, BBR and CC for 24h. Total mRNA was isolated and mTOR mRNA was quantified by real-time PCR compared with GAPDH. The PCR primers for mTOR were 5' - GCAGATTTGCCAACTACC -3' and 5' - CACGGAGAACGAGGACA -3' . The PCR primers for GAPDH which used as endogenous control were 5' - GGTGAAGGTCGGTGTGAACG -3' and 5' - CTCGCTCCTGGAAGATGGTG -3' . Bar graphs showed the quantification of mRNA level of mTOR. Experiments were repeated at least three times. **P<0.01 V.S. control group, *P<0.05 V.S. control group; ##P<0.01 V.S. ox-LDL group, #P<0.05 V.S. ox-LDL group; \$\$P <0.01 V.S.BBR group.