

Effect of quercetin on the expression and growth of caspase-3 in lung adenocarcinoma cancer cell line A549

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摘要

Background and objective To study the influence of Quercetin in the expression of caspase-3 in Lung Adenocarcinoma Cancer cell line A549. **Methods** The mRNA expression of caspase-3 in A549 Cells was detected by RT-PCR , and the protein expression was detected by Western blot. **Results** The mRNA and protein expressions of caspase-3 was enhanced by Quercetin in dose- and time-dependent manners. **Conclusion** The enhancement effects of Quercetin on caspase-3 in A549 cells may provide promising therapy of tumor.

关键词

Quercetin; Lung neoplasms; Caspase-3; Apoptosis

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