

短篇报导

8-Br-cAMP 诱导人食管癌细胞凋亡的研究

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摘要 目的:本文主要研究人食管癌109 细胞株经8-Br-cAMP 诱导后细胞凋亡的发生。方法:用TUNEL 法观察诱导后细胞凋亡情况。结果:人食管癌109 例细胞株自发凋亡率为10.3%;经8-Br-cAMP 诱导后凋亡倾向细胞增加。结论:8-Br-cAMP具有促进人食管癌细胞凋亡倾向的效应。

关键词 [细胞凋亡](#) [8-Br-cAMP](#) [Eca-109 细胞系](#)

THE EFFECT OF 8 - Br - cAMP ON APOPTOSIS IN HUMAN ESOPHAGEAL CANCER CELL LINE

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Abstract Purpose and Methods : The occurrence of apoptosis induced by 8 - Br - cAMP was studied in human Eca - 109 cell line and by means of TUNEL method. **Results :** The spontaneous apoptosis frequency of human Eca - 109 cells was 10.3%. The apoptosis frequency of Eca - 109 cells treated with 8 - Br - cAMP was 33.2%. There was statistical significant difference between the control group and 8 - Br - cAMP induced group. **Conclusion :** The results indicated that 8 - Br - cAMP could possess the tendency of increase apoptosis frequency in human Eca - 109 cell line.

Keywords [apoptosis](#) [8 - Br - cAMP](#) [Eca - 109 cell line](#)

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