

论著

## P73基因表达与乳癌细胞凋亡、激素受体的关系

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**摘要** 背景与目的: 研究P73基因与乳腺癌发病的关系。材料与方法: 应用TUNEL、RT-PCR等技术检测乳腺癌组织P73基因的表达及其与肿瘤细胞凋亡、激素受体的关系。结果: 45例乳腺癌组织P73基因表达阳性者32例, 高于良性乳腺肿瘤; 淋巴结转移阳性者P73基因表达高于阴性者; 肿瘤细胞的凋亡率与P73基因表达无相关性; P73基因表达与雌、孕激素受体亦无相关性。结论: P73基因表达增多可能与乳腺癌发病有关。

**关键词** [P73](#); [乳腺癌](#); [凋亡](#); [TUNEL](#); [RT-PCR](#)

## Expression of P73 Gene and the Relationship Among P73 Gene, Apoptosis and Receptors of Hormone in Breast Cancer

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**Abstract** **BACKGROUND & AIM:**To investigate the expression of P73 gene in breast cancer, also to study the relationship among P73 gene,apoptosis and receptors of hormone. **MATERIAL AND METHODS:** The expression of P73 gene in breast cancer tissues was detected by RT-PCR and apoptosis by TUNEL. **RESULTS:** The expression of P73 gene was significantly higher in breast cancer(32/45) than in breast benign tumors( $P<0.05$ )and significantly higher in positive metastasis of lymph nodes than in negative ones( $P<0.05$ ); the expression of P73 gene was not associated with ER,PR,the apoptosis rate of P73 gene positive cells was not significantly different from the negative ones.**CONCLUSION:** The increased expression of P73 gene may be related with breast cancer.

**Keywords** [P73](#) [breast cancer](#) [apoptosis](#); [TUNEL](#) [RT-PCR](#)

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