

论著

子宫内膜异位症中nm23-H1基因表达的意义

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摘要 目的: 探讨nm23-H1基因在子宫内膜异位症发生中的作用。方法: 采用免疫组织化学SP法检测25例子宫内膜异位症和22例正常子宫内膜组织中nm23-H1的蛋白表达情况; 采用RT-PCR检测研究33例子宫内膜异位症的异位子宫内膜组织和30例正常子宫内膜组织中nm23-H1基因的mRNA表达情况。结果: 25例子宫内膜异位症组中, nm23-H1的蛋白表达缺失为3例、弱阳性12例、强阳性10例, 对照组中nm23-H1的蛋白表达缺失为0例、弱阳性3例、强阳性19例, 两组差异显著 (P<0.01)。33例子宫内膜异位症组中nm23-H1 mRNA表达缺失为4例、弱表达15例、强表达14例, 30例对照组中, nm23-H1的mRNA表达缺失为1例、弱表达6例、强表达23例, 子宫内膜异位症组明显低于正常对照组 (P<0.05)。结论: nm23-H1在子宫内膜异位症的发病过程中可能起重要的作用, 进一步明确nm23-H1基因在子宫内膜异位症发生中的作用及其作用机制, 对了解子宫内膜异位症的发病机制、临床诊断和治疗可能有一定意义。

关键词 [子宫内膜异位症](#); [基因,nm23-H1](#); [免疫组织化学](#)

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Expression of nm23-H1 gene in endometriosis

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Abstract

AIM: To evaluate the role of nm23-H1 gene in the pathogenesis of endometriosis. METHODS: The expression of nm23-H1 protein in 25 specimens of endometriosis and 22 specimens of normal endometrium were studied by immunohistochemical SP, while the expression of nm23-H1 mRNA in 33 specimens of endometriosis and 30 specimens of normal endometrium were further assessed by reverse transcription polymerase chain reaction (RT-PCR).
RESULTS: The protein and mRNA expression levels of nm23-H1 in endometriosis were significantly lower than those in normal endometrium (P<0.01, P<0.05).
CONCLUSION: nm23-H1 may play an important role in the pathogenesis of endometriosis. Further investigation of the role and regulatory mechanism of the nm23-H1 genes in the genesis of endometriosis may have significance in the pathogenesis, clinical diagnosis and therapy of endometriosis.

Key words [Endometriosis](#) [Genes](#) [nm23-H1](#) [Immunohistochemistry](#)

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