

论著

胃癌中RUNX3蛋白表达与胃癌关系的研究

曾超; 贺修胜; 罗桥; 赵帅; 邓敏

南华大学肿瘤研究所

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摘要 背景与目的: 探讨RUNX3基因表达与胃癌发生发展和转移的关系。材料与方法: 采用羊抗人RUNX3蛋白抗体和枸橼酸-微波-SP免疫组织化学方法检测胃癌标本和正常胃组织阳性细胞数及阳性率, 并采用Western blot检测胃癌中RUNX3蛋白的表达状况。结果: 免疫组化结果表明RUNX3在正常胃组织中阳性率100%, 在胃癌中阳性率为51.13%, 两者间的差异具有统计学意义 (P<0.05); RUNX3蛋白的丢失在胃癌中占48.87%, 并且与胃癌的组织类型、淋巴结转移状况有关。Western blot结果表明RUNX3在胃癌组织中表达明显低于相应正常胃组织, 且高分化胃癌中RUNX3蛋白表达高于低分化胃癌。结论: RUNX3可能是胃癌发生中重要的候选抑癌基因。

关键词 [胃肿瘤](#) [免疫组织化学](#) [RUNX3蛋白](#)

Relation Between RUNX3 Protein and Gastric Carcinoma

ZENG Chao, HE Xi u-sheng, LUO Qi ao, ZHAO Shuai, Deng Mi n

Oncology Institute of Nanhua University, Hengyang 421001, Hunan, Chi na

Abstract 【ABSTRACT】 BACKGROUND & AIM: This study was designed to investigate the relationship between RUNX3 protein expression and gastric carcinogenesis and lymph node metastasis. MATERIALS AND METHODS: Detecting RUNX3 protein expression in gastric carcinoma by citrate-microwave-SP immunohistochemical method and western blot. RESULTS: The positive rate of RUNX3 was 100% in normal gastric tissues and 51.13% in gastric carcinoma. 48.87% gastric carcinoma had loss of RUNX3 protein and correlated with histological types and lymph node metastasis. The expression of RUNX3 was obviously lower in gastric carcinoma than in normal stomach as shown by western blot. RUNX3 protein in well differentiated was higher than in poorly differentiated gastric carcinoma. CONCLUSION: RUNX3 gene may be one of the important candidate tumor suppressor genes in carcinogenesis of GC.

Keywords [gastric carcinoma](#) [immnuohistochemistry](#) [RUNX3 protein](#)

DOI

通讯作者 贺修胜 hexiusheng@hotmail.com

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