

论文

结肠癌中hTERT和P53蛋白表达及临床意义

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摘要:

目的 研究结肠癌中hTERT和P53表达情况、意义及两者之间的相互作用关系。方法 应用免疫组织化学SABC法检测52例结肠癌及其相应癌旁正常组织中hTERT和P53的表达。结果 52例结肠癌组织中hTERT表达阳性率为80.8%(40/52), 而相应癌旁正常结肠组织中无1例阳性表达; 52例结肠癌组织中阳性表达为38例, 阳性率为73.1%(38/52), 相应癌旁正常结肠组织中同样无1例阳性表达。hTERT、P53的表达上调与患者性别、年龄、浸润深度无明显相关(P>0.05), 而与分化程度、淋巴结转移、Dukes分期有明显相关(P<0.05)。同时, hTERT、P53的表达呈显著正相关(r=0.538, P<0.05)。结论 hTERT、P53可能参与了肿瘤生长和发展的共同通路, 在结肠癌发生、发展和转移过程中起着重要作用。

关键词: 结肠肿瘤; hTERT; P53

Expressions of hTERT and P53 and significance in colorectal carcinoma

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Abstract:

Objective To investigate expressions, significance and interaction of hTERT and P53 in colorectal carcinomas. Method Expressions of hTERT and P53 were detected in 52 cases of tumor tissues and tumor-adjacent normal tissues by the immunohistochemical method of SABC. Results The positive rate of hTERT in colorectal cancer was 80.8%(40/52) and in cancer adjacent normal tissues was 0%; The positive rate of P53 in colorectal cancer was 73.1%(38/52) and in cancer adjacent normal tissues was 0%. Over-expression of hTERT and P53 had no relation with gender, age and tumor depth(P>0.05), but was significantly related to tumor differentiation, lymph node metastasis, and Dukes staging (P<0.05). hTERT and P53 expression was positively correlated(r=0.538, P<0.05). Conclusion hTERT and P53 participate in common pathways in tumor development, progression and metastasis, and may play an important role in colorectal carcinomas.

Keywords: Colorectal carcinoma; hTERT; P53

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