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摘要:

**摘要** 目的: 检测人非小细胞肺癌 (non-small cell lung cancer, NSCLC) 组织中P53凋亡刺激蛋白 (apoptosis 家族的iASPP、ASPP2以及P53蛋白的表达, 并探讨iASPP、ASPP2表达与P53蛋白表达及NSCLC临床病理特征的关系。方 医学院附属医院NSCLC术后的新鲜肺癌组织54例、癌组织边缘2 cm以外的癌旁组织44例用于研究。采用免疫组织化学与W 组织中iASPP、ASPP2和P53的表达情况; 比较iASPP、ASPP2在肺癌组织与癌旁组织中表达的差异, 并分析其与P53表达 时, NSCLC组织中iASPP蛋白表达阳性率为71.4%, 显著高于癌旁组织的21.7% (P=0.001), NSCLC组织与癌旁组织中 NSCLC组织iASPP表达水平显著高于癌旁组织[(0.57±0.36) vs (0.28±0.24), P=0.001], ASPP2表达水平在癌组织与 时, 癌组织、癌旁组织中的iASPP、ASPP2蛋白表达差异均无统计学意义 (P>0.05)。P53阴性时癌组织中iASPP蛋白的表 0.05), P53阴性时癌组织中ASPP2蛋白表达与P53阳性组织中表达的差异无统计学意义。不同性别、年龄、病理类型、病 表达差异无统计学意义。结论: 人NSCLC组织中iASPP表达与P53表达状态有关, P53阴性时iASPP高表达。iASPP、ASP 相关性。

关键词: [癌](#) [非小细胞肺](#); [iASPP](#); [ASPP2](#); [P53](#)

iASPP and ASPP2 expressions in non-small cell lung cancer tissues and their relationship with clin  
[Fulltext](#)

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Abstract:

**Abstract** Objective: To investigate expressions of iASPP and ASPP2 proteins in primary non-small cel  
relationship with P53 expression and the clinical characteristics of NSCLC. Methods: Specimens of 54 nor  
patients, who were treated by surgery from Jan. to Dec. 2005 in Hospital of Guiyang Medical College, we  
expressions of iASPP, ASPP2 and P53 proteins were detected by immunohistochemistry staining and We  
ASPP2 differential expressions in NSCLC tissues and adjacent cancer tissues and their relationship with I  
characteristics of NSCLC were analyzed. Results: The positive expression rate of iASPP in P53-negative I  
significantly higher than that in the 4 adjacent cancer tissues (21%, P=0.001). ASPP2 protein expressio  
significantly different from that in the adjacent lung tissues. iASPP expression in NSCLC tissues was sign  
adjacent cancer tissues ( [0.57±0.36] vs [0.28±0.24], P=0.001). ASPP2 expression in NSCLC tissues wa  
that in the adjacent lung tissues. iASPP and ASPP2 protein expressions in P53 positive NSCLC tissues we  
cancer tissues (P>0.05). iASPP protein expression in P53-negative NSCLC tissues was significantly high  
tissues (P<0.05). ASPP2 protein expression in P53-negative NSCLC tissues had no significant difference  
tissues (P<0.05). iASPP and ASPP2 protein expressions in NSCLC patients were similar in patients of diff  
types, pathology grades, and clinical stages. Conclusion: iASPP expression is correlated with P53 expres  
highly expressed in P53-negative NSCLC tissues. Expressions of iASPP and ASPP2 proteins have no corre  
characteristics of NSCLC.

Keywords: [carcinoma](#) [non-small cell lung](#); [iASPP](#); [ASPP2](#); [P53](#)