

论著

Stat1蛋白在急性髓系细胞白血病患者外周血白细胞中的激活

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摘要 背景与目的: 了解急性髓系细胞白血病外周血白细胞Stat1蛋白表达情况, 探讨Stat1蛋白的作用区域及与核基质的相互关系。材料与方法: 用免疫印迹法检测急性髓系细胞白血病外周血白细胞中Stat1蛋白的表达; 结果: 在41例急性髓系细胞白血病外周血白细胞中, Stat1激活的阳性率为53.7%, 正常对照15例阳性率为0%。激活的Stat1蛋白转移到细胞核内并与核基质结合; 结论: Stat1蛋白在急性髓系细胞白血病外周血白细胞中有异常激活, 并与核基质结合, 可能通过核基质蛋白发挥作用。

关键词 [急性髓系细胞白血病](#); [Stat1蛋白](#); [核基质](#)

Activation of the Stat1 Protein in the Peripheral Blood White Cells of the Patients with Acute Myeloid Leukemia

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Abstract **BACKGROUND & AIM:** To learn the expression and activation of Stat1 protein in the peripheral blood white cells of acute myeloid leukemia(AML) by combing to the nuclear matrix. **MATERIAL AND METHODS:** The Stat1 activation were detected by western blot with anti-Stat1 antibody. **RESULT:**The results showed that Stat1 was activated in the 22/41(53.7%) with AML and 0% in the 15 normal controls, and activated Stat1 existed in the nuclear matrix components. **CONCLUSION:** The conclusion denotes that over expression and activation of Stat1 maybe play an important role in the process of AML by attaching to nuclear matrix .

Keywords [acute myeloid leukemia](#) [Stat1 protein](#) [nuclear matrix](#)

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