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NFAT分子在肿瘤发生与发展中的作用 [点此下载全文](#)

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摘要:

活化T细胞核因子(nuclear factor of activated T cell, NFAT)作为细胞信号转导中的一类重要因子,不仅在免疫系统中发挥功能,在肿瘤发生、发展中也起着关键性作用。NFAT的活化主要通过钙离子信号启动,进而发生核转位并与DNA结合,通过与其他共转录因子的相互协同,调节目的基因的表达。不同亚型的NFAT在肿瘤细胞转化和生长中发挥不同的调控作用,并促进肿瘤血管生成和肿瘤细胞的浸润或迁移。进一步了解NFAT在肿瘤中的表达和作用机制,探究其在肿瘤发生、发展中的作用,可为肿瘤临床治疗中有效靶点的寻找带来更多新的突破。

关键词: [活化T细胞核因子](#) [肿瘤](#) [细胞转化](#) [血管生成](#) [浸润](#) [迁移](#)

Role of NFAT in tumor development and progression [Download Fulltext](#)

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Abstract:

Nuclear factor of activated T cell (NFAT) is an important factor in cellular signal pathways and plays a key role in the immune system as well as tumor development and progression. NFAT is activated mainly by calcium flux; activated NFAT translocates to nucleus and interacts with target DNA, regulating the expression of target genes by working together with other co-activators. Different NFAT subtypes have various regulatory effects on tumor cell transformation and proliferation, increasing tumor angiogenesis and infiltration or migration. Further understanding of NFAT expression in tumors, its acting mechanisms, and its roles in tumor development and progression will help to find potential tumor targets for tumor clinical therapy.

Keywords: [nuclear factor of activated T cell \(NFAT\)](#) [tumor](#) [cell transformation](#) [angiogenesis](#) [infiltration](#) [immigration](#)

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