

综述

## I $\kappa$ B $\beta$ 在炎症与肿瘤中的作用

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摘要

关键词 [I \$\kappa\$ B激酶](#); [NF- \$\kappa\$ B](#); [炎症](#); [肿瘤](#)

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## Function of I $\kappa$ B kinase links inflammation and cancer

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### Abstract

<FONT face=Verdana>It has long been acknowledged that there is a link between inflammation and cancer, but its molecular mechanism remains unclear. A key player in inflammation is nuclear transcription factor NF- $\kappa$ B, that activity is triggered in response to infectious agents and proinflammatory cytokines via the I $\kappa$ B kinase. In parenchyma cells, inflammation through I $\kappa$ B kinase/NF- $\kappa$ B pathway suppresses apoptosis, accelerates cell cycle, then promote tumorigenesis. In mesenchyma cells inflammation through I $\kappa$ B kinase/NF- $\kappa$ B pathway produces cytokines and chemokines that may serve as tumor growth factors. To sum up, I $\kappa$ B kinase/NF- $\kappa$ B pathway represents a critical molecular link between inflammation and cancer.</FONT>

**Key words** [I \$\kappa\$ B kinase](#) [NF-kappa B](#) [Inflammation](#) [Neoplasms](#)

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