

综述

NOD受体-细胞内的模式识别受体家族

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摘要

关键词 [受体,核苷酸结合的寡聚结构域](#) [先天免疫](#)

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The intracellular pattern recognition receptors-NOD like receptors

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Abstract

NODs are cytosolic proteins that contain a nucleotide-binding oligomerization domain (NOD). These intracellular proteins are a class of pattern recognition receptors with unique functions in the innate and the acquired immune systems. NOD like receptors, including NOD1 and NOD2, are associated with host responses to intracellular invasion by bacteria or the intracellular presence of specific bacterial products. Activation of NOD like receptors initiates proinflammatory signalling via NF-κB activation, which is necessary for clearance of infecting pathogens from the host. Several different mutations in the genes encoding NOD1 and NOD2 are associated with susceptibility to inflammatory disorders.

Key words [Receptor](#) [nucleotide-binding oligomerization domain](#) [Innate immunity](#)

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