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Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 15334

Column: ORIGINAL ARTICLE

Basic Study

miR-124 inhibits cell transformation, proliferation and invasion in
colorectal cancer by downregulating ROCK1Zuo-Wu Xi, Shi-Yong Xie, Li-Qing Zhou, Hai-Kun Yuan, Qian Wang,
Kai-Xuan Chen

Abstract

AIM: To investigate the roles and interactions of Rho-associated protein
kinase (ROCK1) and miR-124 in human colorectal cancer (CRC).

METHODS: Expression of ROCK1 protein was examined by Western

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M Liu, F Bi, X Zhou, Y Zheng - Trends in cell biology, 2012 - Elsevier

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2010年2月23日 - 1. A network of microRNAs and protein-coding genes involved in the ... proliferation, adhesion and invasion, and is downregulated in colon, ... by targeting Rho-associated, coiled-coil containing protein kinase 1 ... Yet, miR-126 is downregulated in cancers and inhibits cancer cell 2006;124:1169-1181.

[PDF] MicroRNAs in Invasion and Metastasis in Lung Cancer

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express mesenchymal markers, and manifest a migratory phenotype [1]. In the EMT ... MiR-185 is a negative regulator of RhoA and Cdc42, and could inhibit proliferation and invasion of colorectal cancer cells [38]. The Effects of ... may be attribute to Rho-associated serine-threonine protein kinase (ROCK), one of the best.