

9

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 39491

Manuscript Type: ORIGINAL ARTICLE

Basic Study

FMNL3 regulates RhoC/FAK pathway and actin assembly to promote cell invasion in colorectal carcinoma

Zeng YF *et al.* RhoC/FMNL3/FAK axis in CRC

Yuan-Feng Zeng, Yi-Sheng Xiao, Yong Liu, Xiao-Jiang Luo, Li-Dan Wen, Qian Liu, Min Chen

Abstract

AIM

To clarify the underlying mechanism of formin-like 3 (FMNL3) in the

Match Overview

Match	Source	Words	Similarity
1	Crossref	71 words Zeng, Yuanfeng, Huijun Xie, Yudan Qiao, Jianmei Wang, Xiling Zhu, Guoyang He, Yuling Li, Xiaoli Ren, Feifei Wa	1%
2	Internet	53 words crawled on 12-Aug-2017 cancerres.aacrjournals.org	1%
3	Internet	33 words crawled on 30-Sep-2015 www.nature.com	1%
4	Internet	25 words crawled on 20-Jun-2017 www.labome.org	<1%
5	Crossref	24 words Elizabeth G Kleinschmidt, David D Schlaepfer. "Focal a ... hesion kinase signaling in unexpected places", Current	<1%
6	Crossref	18 words Richards, Mark, Clare Hetheridge, and Harry Mellor. "Th e Formin FMNL3 Controls Early Apical Specification in ...	<1%
7	Crossref	17 words Xi-ling Zhu. "FMNL2 is a positive regulator of cell motili ... and metastasis in colorectal carcinoma", The Journal of	<1%
8	Crossref	16 words Wang, Feifei, Yudan Qiao, Jiang Yu, Xiaoli Ren, Jianmei Wang, Yi Ding, Xiaojing Zhang, Wenhui Ma, Yanqing Din	<1%
9	Internet	15 words crawled on 05-Oct-2017 real.mtak.hu	<1%

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 167 条结果 (用时 0.60 秒)

小提示： 仅限搜索 [简体中文](#) 结果。您可以在 [设置](#) 中指定搜索语言

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pubmed/26258642> ▾ [翻译此页](#)

作者： Y Zeng - 2015 - 被引用次数： 8 - [相关文章](#)

Cancer Sci. 2015 Oct;106(10):1385-93. doi: 10.1111/cas.12768. Formin-like2 **regulates** Rho/ROCK **pathway to promote actin assembly** and **cell invasion** of **colorectal cancer**. Zeng Y(1)(2), Xie H(1)(3), Qiao Y(1)(3), Wang J(1)(3), Zhu X(1)(4), He G(1)(3), Li Y(1)(3), Ren X(1)(3), Wang F(1)(3), Liang L(1)(3), Ding Y(1)(3).

缺少字词： [fmnl3 fak](#)

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4638017/> - [翻译此页](#)

作者： Y Zeng - 2015 - 被引用次数： 8 - [相关文章](#)

2015年10月26日 - Formin-like2 **regulates** Rho/ROCK **pathway to promote actin assembly** and **cell invasion** of **colorectal cancer** Other groups have reported that FMNL2 is a downstream effector of **RhoC** or **Cdc42** that **promotes** cell motility. However, whether FMNL2 **regulates** Rho GTPase signaling in the progression of ...

缺少字词： [fmnl3 fak](#)

The Role of RhoJ in Endothelial Cell Biology and Tumor Pathology

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4983353/> ▾ [翻译此页](#)

作者： TT Shi - 2016 - 被引用次数： 2 - [相关文章](#)

2016年7月31日 - A systematic review was related to "small Rho GTPase" or "RhoJ" with "endothelial motility, tube formation and focal adhesion" and "tumor therapy". ... Recently, the role of RhoJ has been explored in **regulating** the **cell migration** and invasion of melanoma by altering **actin** cytoskeletal



Formin-like 3 regulates RhoC/FAK pathway and actin assembly to promc



全部

图片

新闻

视频

购物

更多

设置

工具

找到约 28,900 条结果 (用时 0.59 秒)

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pubmed/26258642> - 翻译此页

作者: Y Zeng - 2015 - 被引用次数: 9 - 相关文章

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly and cell invasion of colorectal cancer. Zeng Y(1)(2), Xie H(1)(3), Qiao Y(1)(3), Wang J(1)(3), Zhu X(1)(4), He G(1)(3), Li Y(1)(3), Ren X(1)(3), Wang ... FMNL2 has been identified as promoting the motility and metastasis in colorectal carcinoma (CRC).

缺少字词: fak

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4638017/> - 翻译此页

作者: Y Zeng - 2015 - 被引用次数: 9 - 相关文章

2015年10月26日 - Formin-like2 regulates Rho/ROCK pathway to promote actin assembly and cell invasion of colorectal cancer like tumor cell transformation and metastasism. Some DRF, such as mDia1, have been reported Rho family GTPases, including RhoA, RhoB, RhoC, Rac and Cdc42, are key regulators of actin ...

缺少字词: fak

Cell adhesion is regulated by CDK1 during the cell cycle | JCB

jcb.rupress.org/content/early/2018/06/20/jcb.201802088 - 翻译此页

5 天前 - As cells transitioned from G1 to S, we observed a CDK1-dependent ... (adhesion complex area <3 μm from cell periphery) of cells in G1, S, and G2 phase. of actin fiber formation downstream of RhoC activation (Kitzing et al., pathway to promote actin assembly and cell invasion of colorectal cancer.

Cortactin function in invadopodia - Taylor & Francis Online

<https://www.tandfonline.com/doi/pdf/10.1080/21541248.2017.1405773> - 翻译此页

作者: P Jeannot - 2017 - 被引用次数: 1 - 相关文章

unfavorable and requires actin nucleators such as formins or the ARP2/3 complex ... several cancers, and Cortactin are in fact the same protein that may promote the ... Cortactin activity towards actin polymerization and cell migration/invasion^{22,23} activity is also spatially regulated by RhoC, whose



Formin-like 3 regulates RhoC/FAK pathway and actin assembly to prom



全部

图片

新闻

视频

购物

更多

设置

工具

找到约 28,900 条结果 (用时 0.59 秒)

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pubmed/26258642> - 翻译此页

作者: Y Zeng - 2015 - 被引用次数: 9 - 相关文章

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly and cell invasion of colorectal cancer. Zeng Y(1)(2), Xie H(1)(3), Qiao Y(1)(3), Wang J(1)(3), Zhu X(1)(4), He G(1)(3), Li Y(1)(3), Ren X(1)(3), Wang ... FMNL2 has been identified as promoting the motility and metastasis in colorectal carcinoma (CRC).

缺少字词: fak

Formin-like2 regulates Rho/ROCK pathway to promote actin assembly ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4638017/> - 翻译此页

作者: Y Zeng - 2015 - 被引用次数: 9 - 相关文章

2015年10月26日 - Formin-like2 regulates Rho/ROCK pathway to promote actin assembly and cell invasion of colorectal cancer like tumor cell transformation and metastasism. Some DRF, such as mDia1, have been reported Rho family GTPases, including RhoA, RhoB, RhoC, Rac and Cdc42, are key regulators of actin ...

缺少字词: fak

Cell adhesion is regulated by CDK1 during the cell cycle | JCB

jcb.rupress.org/content/early/2018/06/20/jcb.201802088 - 翻译此页

5 天前 - As cells transitioned from G1 to S, we observed a CDK1-dependent ... (adhesion complex area <3 μm from cell periphery) of cells in G1, S, and G2 phase. of actin fiber formation downstream of RhoC activation (Kitzing et al., pathway to promote actin assembly and cell invasion of colorectal cancer.

Cortactin function in invadopodia - Taylor & Francis Online

<https://www.tandfonline.com/doi/pdf/10.1080/21541248.2017.1405773> - 翻译此页

作者: P Jeannot - 2017 - 被引用次数: 1 - 相关文章

unfavorable and requires actin nucleators such as formins or the ARP2/3 complex ... several cancers, and Cortactin are in fact the same protein that may promote the ... Cortactin activity towards actin polymerization and cell migration/invasion^{22,23} activity is also spatially regulated by RhoC, whose