

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 45053

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Ubiquitin-conjugating enzyme E2T knockdown suppresses the hepatocellular tumorigenesis *via* inducing cell cycle arrest and apoptosis

Guo J *et al.* Knockdown of UBE2T suppresses HCC development

Jian Guo, Mu Wang, Jun-Ping Wang, Chang-Xin Wu

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... of BRCA1 by ubiquitin-conjugating enzyme E2T ... - Ueki - 被引用次数 : 48

... suppresses proliferation and induces cell cycle arrest ... - Gong - 被引用次数 : 4

Ubiquitin-conjugating enzyme E2T is an independent ... - Yu - 被引用次数 : 6

UBE2T knockdown inhibits gastric cancer progression - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5464816/> - 翻译此页

作者 : C Luo - 2017 - 被引用次数 : 5 - 相关文章

They are involved in mitomycin-C (MMC)-induced DNA repair, the ... Ubiquitin-conjugating enzyme E2T (UBE2T) combines with a specific E3 ubiquitin ligase to UBE2T expression was then measured using real-time PCR. ... that suppression of UBE2T promoted both cell cycle arrest and apoptosis in gastric cancer cells.

UBE2T silencing suppresses proliferation and induces cell cycle arrest ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5228076/> - 翻译此页

作者 : YQ Gong - 2016 - 被引用次数 : 4 - 相关文章

2016年10月10日 - Ubiquitin-conjugating enzyme E2T (UBE2T; also known as HSPC150) is a member of E2 the family in the ubiquitin-proteasome pathway, a complex protein degradation system that serves crucial roles in extensive biological processes, including cell cycle control, signal transduction and tumorigenesis (3).

UBE2T silencing suppresses proliferation and induces cell cycle arrest ...

https://www.researchgate.net/.../309002390_UBE2T_silencing_suppresses_p... - 翻译此页

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UBE2T promotes hepatocellular carcinoma cell growth via ...

<https://www.sciencedirect.com/science/article/pii/S0006291X17318624>

Nov 04, 2017 · **Ubiquitin-conjugating enzyme E2T (UBE2T)**, firstly identified in a patient with **Fanconi anemia (FA)**, belongs to the ubiquitin–proteasome degradation system. UBE2T participates in primary cellular processes such as cell cycle control, signal **transduction and tumorigenesis via** working with specific **E3 ubiquitin ligase** to trigger the degradation of relevant substrates [6].

Cited by: 7

Author: Li-ping Liu, Mei Yang, Quan-zhou Peng, ...

Publish Year: 2017

MicroRNA-1305 Inhibits the Stemness of LCSCs ... - cell.com

[https://www.cell.com/molecular-therapy-family/nucleic-acids/fulltext/S2162-2531\(19\)30086-1](https://www.cell.com/molecular-therapy-family/nucleic-acids/fulltext/S2162-2531(19)30086-1) ▼

Apr 22, 2019 · **UBE2T silencing suppresses proliferation and induces cell cycle arrest and apoptosis in bladder cancer cells.**

Author: Xiaoyong Wei, Xiaolong You, Jianlong ... Publish Year: 2019

UBE2T silencing suppresses proliferation and induces cell ...

<https://www.spandidos-publications.com/10.3892/ol.2016.5237> ▼

Oct 10, 2016 · In summary, the present study confirmed that UBE2T is overexpressed in **bladder cancers** and that **knockdown of UBE2T** with lentivirus-mediated specific siRNA significantly **suppresses** the proliferation and colony formation of 5637 **bladder cancer** cells, as well as **inducing** cell cycle arrest and increasing the rate of apoptosis.

Cited by: 2

Author: Yan Qing Gong, Ding Peng, Xiang Hui Nin...

Publish Year: 2016

Induction of autophagy and senescence by knockdown of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3554346>

Aug 31, 2012 · We **blocked autophagy pathway via siRNA silencing** of autophagy essential genes ATG5 or Beclin1 (Figures 6a and b, left panels), and found that while ROC1 **knockdown** consistently **suppressed cell growth**, **knockdown** of ATG5 or Beclin1 alone did not notably affect cell proliferation, as compared with control cells.



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UBE2T promotes hepatocellular carcinoma cell growth via ...

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Nov 04, 2017 · Deregulation of Ubiquitin-conjugating **enzyme E2T** (UBE2T) contributes to the progression of human cancers. However, its clinical significance and role in **hepatocellular** carcinoma (HCC) remain unclear. Here, we show that UBE2T is up-regulated in HCC and exerts oncogenic activities **via** ubiquitination of p53.

Cited by: 7

Author: Li-ping Liu, Mei Yang, Quan-zhou Peng, Min...

Publish Year: 2017

MicroRNA-1305 Inhibits the Stemness of LCSCs ... - cell.com

[https://www.cell.com/molecular-therapy-family/nucleic-acids/fulltext/S2162-2531\(19\)30086-1](https://www.cell.com/molecular-therapy-family/nucleic-acids/fulltext/S2162-2531(19)30086-1)

▼
Apr 22, 2019 · MicroRNAs (miRNAs) are involved in the maintenance of the cancer stem **cell** (CSC) phenotype by binding to genes and proteins that modulate **cell** proliferation and/or **cell apoptosis**. In our study, we aimed to investigate the role of miR-1305 in the proliferation and self-renewal of liver CSCs (LCSCs) **via** the ubiquitin-conjugating **enzyme E2T** (UBE2T)-mediated Akt-signaling pathway.

Author: Xiaoyong Wei, Xiaolong You, Jianlong Z...

Publish Year: 2019

UBE2T silencing suppresses proliferation and induces cell ...

<https://www.spandidos-publications.com/10.3892/ol.2016.5237> ▼

Oct 10, 2016 · Ubiquitin-conjugating **enzyme E2T** (UBE2T; also known as HSPC150) is a member of E2 the family in the ubiquitin-proteasome pathway, a complex protein degradation system that serves crucial roles in extensive biological processes, including **cell cycle** control, signal transduction and **tumorigenesis**.

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Author: Yan Qing Gong, Ding Peng, Xiang Hui Ning, ...

Publish Year: 2016

Ubiquitin-Conjugating Enzyme E2T is an ... - SpringerLink

<https://link.springer.com/article/10.1007/s13277-016-5020-3> ▼

Mar 28, 2016 · Ubiquitin-conjugating **enzyme E2T** (UBE2T) is a member of the E2 family that mediates the ubiquitin-proteasome system and regulates gene expression. It is a major oncogene in several cancers such as lung cancer and breast cancer, while the potential functions of UBE2T in gastric cancer (GC) remains largely unknown.

Cited by: 5

Author: Hao Yu, Pei Xiang, Qi Pan, Yijiao Huang, Na...

Publish Year: 2016