

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 65980

**Manuscript Type:** ORIGINAL ARTICLE

### *Basic Study*

**Y-box binding protein 1 augments sorafenib resistance *via* the PI3K/Akt signaling pathway in hepatocellular carcinoma**

Ting Liu, Xiaoli Xie, Xue Zhou, Sheng-Xiong Chen, Yi-Jun Wang, Lin-Ping Shi, Shu-Jia Chen, Yong-Juan Wang, Shu-Ling Wang, Jiu-Na Zhang, Shi-Ying Dou, Xiao-Yu Jiang, Ruo-Lin Cui, Hui-qing Jiang

### **Abstract**

#### Match Overview

1	<b>Crossref</b> 52 words Leilei Niu, Liping Liu, Shengli Yang, Jianwei Ren, Paul B.S. Lai, George G. Chen. "New insights into sorafenib resistance in	1%
2	<b>Internet</b> 30 words crawled on 25-Mar-2021 <a href="http://www.dovepress.com">www.dovepress.com</a>	1%
3	<b>Internet</b> 29 words crawled on 19-Jul-2020 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	1%
4	<b>Crossref</b> 28 words Houguo Xu, Zhangbin Liao, Qinggong Zhang, Yuliang Wei, Mengqing Liang. "A moderately high level of dietary lipid inhib ...	1%
5	<b>Internet</b> 26 words crawled on 13-Aug-2018 <a href="http://academic.oup.com">academic.oup.com</a>	1%
6	<b>Internet</b> 24 words crawled on 08-Mar-2019 <a href="http://febs.onlinelibrary.wiley.com">febs.onlinelibrary.wiley.com</a>	1%

Y-box binding protein 1 augments sorafenib resistance via the PI3K



Sign in

ALL

IMAGES

VIDEOS

12,400 Results

Any time ▼

[PDF] [Y-Box Binding Protein-1 Promotes Epithelial ...](#)

<https://www.mdpi.com/1422-0067/22/1/224/pdf>

Dec 28, 2020 · in facilitating the **sorafenib resistance** in HuH-7R cells. To characterize the different mecha-nistic responses of parental HuH-7 and HuH-7R cells to **sorafenib** treatment, we utilized severa...

**Author:** Li-Zhu Liao, Chih-Ta Chen, Nien-Che... **Publish Year:** 2020

[SETD1A augments sorafenib primary resistance via ...](#)

<https://www.sciencedirect.com/science/article/pii/S0024320520311590>

Nov 01, 2020 · **1. Introduction.** **Hepatocellular carcinoma** (HCC) is a malignant tumor with poor prognosis and the five-year relative survival rate of HCC patients is no more than 20% [].In past decade...

**Author:** Jugang Wu, Hongjuan Chai, Feng Li, ... **Publish Year:** 2020

[The mechanisms of sorafenib resistance in hepatocellular ...](#)

<https://www.nature.com/articles/s41392-020-0187-x>

See more



Y-box binding protein 1 augments sorafenib resistance via the PI3K,



ALL

IMAGES

VIDEOS

12,600 Results

Any time ▼

[PDF] [Y-Box Binding Protein-1 Promotes Epithelial ...](#)

<https://www.mdpi.com/1422-0067/22/1/224/pdf>

Dec 28, 2020 · phosphoinositide-3-kinase (PI3K)/AKT pathway is critical for induction of **resistance** to **sorafenib** and impairment of AKT activity contributes to increased sensitivity to **sorafenib** of **HCC** cell...

**Author:** Li-Zhu Liao, Chih-Ta Chen, Nien-Che...

**Publish Year:** 2020

[Y-Box Binding Protein-1 Promotes Epithelial-Mesenchymal ...](#)

<https://www.readkong.com/page/y-box-binding...> ▼

Based on the collective results, it is proposed that **YB-1** modulates specific EMT-related molecules and



See more



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

Show language tabs

12,400 Results

Any time ▾

## [SETD1A augments sorafenib primary resistance via ...](#)

<https://www.sciencedirect.com/science/article/pii/S0024320520311590>

Nov 01, 2020 · 1. Introduction. **Hepatocellular carcinoma** (HCC) is a malignant tumor with poor prognosis and the five-year relative survival rate of HCC patients is no more than 20% [1]. In past decades, HCC was...

**Author:** Jugang Wu, Hongjuan Chai, Feng Li, Qin... **Publish Year:** 2020

## [\[PDF\] Y-Box Binding Protein-1 Promotes Epithelial-Mesenchymal ...](#)

<https://www.mdpi.com/1422-0067/22/1/224/pdf>

Dec 28, 2020 · in facilitating the **sorafenib resistance** in HuH-7R cells. To characterize the different mecha-nistic responses of parental HuH-7 and HuH-7R cells to **sorafenib** treatment, we utilized several...

**Author:** Li-Zhu Liao, Chih-Ta Chen, Nien-Chen Li,... **Publish Year:** 2020

### PEOPLE ALSO ASK

How does promoter methylation of H19 affect sorafenib resistance? ▾

How is sorafenib used to treat hepatocellular carcinoma? ▾

What are the mechanisms of sorafenib resistance in HCC? ▾

Feedback

## [MicroRNA-92b augments sorafenib resistance in ...](#)

<https://europepmc.org/article/PMC/PMC8186377> ▾

May 31, 2021 · MicroRNA-92b **augments sorafenib resistance in hepatocellular carcinoma via** targeting PTEN to activate **PI3K/AKT/mTOR signaling**. Zhouyang Cheng Department of General Surgery, The First...

## [Y-Box Binding Protein-1 Promotes Epithelial-Mesenchymal ...](#)

<https://www.readkong.com/page/y-box-binding...> ▾

International Journal of Molecular Sciences Article **Y-Box Binding Protein-1 Promotes Epithelial-Mesenchymal Transition in Sorafenib-Resistant Hepatocellular Carcinoma Cells** Li-Zhu Liao, Chih-Ta...

## [Y-Box Binding Protein-1 Promotes Epithelial-Mesenchymal ...](#)

<https://europepmc.org/article/MED/33379356> ▾