





Role of mammalian target of rapamycin complex 2 in primary and







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Mammalian Target of Rapamycin Complex 2 Signaling Is ...

Author: Yi Zhou, Meng Xu, Pin Liu, Binyong Liang... Cited by: 1

Publish Year: 2020

Mammalian target of rapamycin complex 2 (mTORC2) is a major regulator of liver metabolism and tumor development. However, the role of mTORC2 signaling in cholestatic liver injury has not been characterized to date. In this study, we generated liver-specific Rictor knockout mice to block the mTORC2 signaling pathway. Mice were treated with 3,5-diethoxycarbonyl-1,4-dihydrocollidine (DDC) to induce cholestatic liver injury.

https://www.sciencedirect.com/science/article/pii/S0002944020301474

Role of the Mammalian Target of Rapamycin Pathway in ...

https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.31310

May 11, 2020 - The mammalian target of rapamycin (mTOR) complex is a central regulator of cell growth and metabolism that integrates inputs from amino acids, nutrients, and extracellular signals. The mTOR protein is incorporated into two distinct complexes: mTOR complex 1 (mTORC1) and mTOR complex 2 (mTORC2).

Cited by: 17 Author: Xinjun Lu, Xinjun Lu, Panagiotis Paliogian...

Publish Year: 2021

The Role of Hypothalamic Mammalian Target of Rapamycin ... https://www.jneurosci.org/content/28/28/7202 -

Jul 09, 2008 - The mammalian target of rapamycin (mTOR) is an atypical serine/threonine kinase, whose activity affects several physiological functions (Wullschleger et al., 2006) including CNS regulation of energy balance (Cota et al., 2006; Ropelle et al., 2008). mTOR exists in two complexes (mTORC1 and mTORC2), which are distinguished by sensitivity to rapamycin and by the association of the mTOR

Cited by 230

Author: Daniela Cota, Emily K. Matter, Stephen C.