

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 39236

Manuscript Type: MINIREVIEWS

Role of aldehyde dehydrogenase (aldh2) in ischemia reperfusion injury: An update

Panisello-Roselló A *et al.* ALDH2 and ischemia reperfusion injury

Arnau Panisello-Roselló, Alexandre Lopez, Emma Folch-Puy, Teresa Carbonell, Anabela Rolo, Carlos Palmeira, René Adam, Marc Net, Joan Roselló-Catafau

Match Overview

1 **Internet** 82 words
crawled on 29-Apr-2016
physrev.physiology.org

2%

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

找到约 8,100 条结果 (用时 0.45 秒)

Google 学术 : ROLE OF ALDEHYDE DEHYDROGENASE (ALDH2) IN ISCHEMIA REPERFUSION INJURY: AN UPDATED OVERVIEW.

... heart against myocardial ischemia-reperfusion injury ... - He - 被引用次数 : 52

Activation of aldehyde dehydrogenase 2 (ALDH2) ... - Budas - 被引用次数 : 86

... aldehyde dehydrogenase and cardiac diseases - Chen - 被引用次数 : 136

Aldehyde dehydrogenase 2 overexpression inhibits neuronal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5558498/> - 翻译此页

作者 : X Liu - 2017 - 被引用次数 : 3 - 相关文章

Aldehyde dehydrogenase 2 (ALDH2) is an important factor in inhibiting oxidative stress and has been shown to protect against renal ischemia/reperfusion injury. Therefore, we hypothesized that ALDH2 could reduce spinal cord ischemia/reperfusion injury. Spinal cord ischemia/reperfusion injury was induced in rats using ...

Aldehyde dehydrogenase 2 in cardiac protection: a new therapeutic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2856486/> - 翻译此页

作者 : GR Budas - 2009 - 被引用次数 : 95 - 相关文章

ALDH2 is one of 19 members of the ALDH gene family which play a crucial metabolic role in the oxidation and detoxification of reactive aldehydes in a range of organs and cell ... Our lab recently identified ALDH2 as a key mediator of endogenous cytoprotection against myocardial ischemia/reperfusion injury (Chen et al.



Role of aldehyde dehydrogenase (aldh2) in ischemia reperfusion injury: An up



文章

找到约 441 条结果 (用时0.30秒)

时间不限

2018以来

2017以来

2014以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

☐ 包括专利

☐ 包含引用

创建快讯

小提示：只搜索中文(简体)结果，可在 [学术搜索设置](#) 指定搜索语言

Alpha lipoic acid protects heart against myocardial ischemia–reperfusion injury through a mechanism involving aldehyde dehydrogenase 2 activation

L He, B Liu, Z Dai, HF Zhang, YS Zhang, XJ Luo... - European journal of ..., 2012 - Elsevier

... The mitochondrial enzyme aldehyde dehydrogenase 2 (ALDH2) plays a major role in detoxification of ... acid is able to reduce myocardial injury and preserve cardiac function during ischemia ... Considering the critical role of ALDH2 in detoxification of reactive aldehydes during ...

☆ 99 被引用次数：53 相关文章 所有 10 个版本

[PDF] academia.edu

Mitochondrial aldehyde dehydrogenase and cardiac diseases

CH Chen, L Sun, D Mochly-Rosen - Cardiovascular research, 2010 - academic.oup.com

... Aldehyde dehydrogenases. Mitochondrial ALDH2 and cardioprotection against ischaemia and reperfusion injury. Angina ... ALDH2 in transgenic mice, ethanol/acetaldehyde metabolism, and cardiovascular disease ... Mitochondrial aldehyde dehydrogenase and cardiac diseases ...

☆ 99 被引用次数：138 相关文章 所有 13 个版本

[HTML] oup.com

[引用] Aldehyde dehydrogenase 2 in cardiac protection: a new therapeutic target?

GR Budas, MH Disatnik, D Mochly-Rosen - Trends in cardiovascular ..., 2009 - Elsevier

☆ 99 被引用次数：98 相关文章 所有 10 个版本

[HTML] nih.gov

Metabolic remodeling induced by mitochondrial aldehyde stress stimulates tolerance to oxidative stress in the heart

J Endo, M Sano, T Katayama, T Hishiki... - Circulation ..., 2009 - Am Heart Assoc

☆ 99 被引用次数：111 相关文章 所有 11 个版本

[PDF] ahajournals.org

[HTML] Inhibition of aldehyde dehydrogenase 2 by oxidative stress is associated with cardiac dysfunction in diabetic rats

J Wang, H Wang, P Han, J Xue, S Wei, Y Zhang... - Molecular ..., 2011 - ncbi.nlm.nih.gov

... role of ALDH2 in mitochondrial and cardiac function ... J...

[HTML] nih.gov

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

找到约 106,000 条结果 (用时 0.55 秒)

Google 学术: Role of aldehyde dehydrogenase in ischemia reperfusion injury: An update

An update on the role of free radicals and antioxidant ... - Vendemiale - 被引用次数: 299

... heart against myocardial ischemia-reperfusion injury ... - He - 被引用次数: 53

... gene expression in ischemia-reperfusion injury - Leonard - 被引用次数: 230

Aldehyde Dehydrogenase 2 Has Cardioprotective Effects on ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4838626/> - 翻译此页

作者: W Ji - 2016 - 被引用次数: 16 - 相关文章

2016年4月21日 - Keywords: ALDH2, Alda-1, myocardial ischemia/reperfusion, ... revealed an important role of ALDH2 in cardioprotection against ischemia injury ...

Aldehyde dehydrogenase 2 overexpression inhibits neuronal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5558498/> - 翻译此页

作者: X Liu - 2017 - 被引用次数: 3 - 相关文章

Spinal cord ischemia/reperfusion injury was induced in rats using the ... organs, which consistently correlates with the phosphorylation status of ALDH2, a key ... Hind limb motor function assessment was performed at 7 days post-surgery using ...

Inhibition of ALDH2 by O-GlcNAcylation contributes to the ... - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5386694/> - 翻译此页

作者: B Liu - 2017 - 被引用次数: 7 - 相关文章

2016年12月27日 - ⁴ Key Laboratory of Cardiovascular Remodeling & Function Research, Keywords: myocardial ischemia/reperfusion, hyperglycemia, ALDH2, O-GlcNAcylation ... Hyperglycemia exacerbated myocardial I/R-induced injury in rats Heart Disease and Stroke Statistics-2016 Update: A Report From the ...

Mitochondrial Aldehyde Dehydrogenase, a Potential Drug Target...

https://www.researchgate.net/.../265135223_Mitochondrial_Aldehyde_Dehy... - 翻译此页

In animal myocardial or cerebral ischemia/reperfusion (I/R) models, accumu. ... recent findings regarding the role of ALDH2 in protection of heart or brain from I/R injury. ... The purpose of this study