



모든 날짜

2019년부터

2018년부터

2015년부터

기간 설정...

관련도별 정렬

날짜별 정렬

모든 언어

한국어 웹

☒ 특허 포함

☐ 서지정보 포함

☒ 알림 만들기

Kir6.1: A Possible Subunit of ATP-Sensitive K⁺Channels in Mitochondria

M Suzuki, K Kotake, K Fujikura, N Inagaki... - Biochemical and ..., 1997 - Elsevier

... to be an important regulator for mitochondrial metabo- We have investigated the subcellular localization of ... C: In a semithin frozen section (1.5 mm-thick) of the skeletal muscle, labelling for Kir6.1 is **localized** in the cytoplasm of ... To clarify the intracellular **location** of Kir6.1, we ...

☆ 77 184회 인용 관련 학술자료 전체 5개의 버전

Localization of the ATP-sensitive potassium channel subunit (Kir6. 1/uKATP-1) in rat brain

M Zhou, O Tanaka, M Sekiguchi, K Sakabe... - Molecular brain ..., 1999 - Elsevier

... 1 and Kir6.2 1, 13, since Kir6.2 is predominantly **localized** in the ... Further study is needed to analyze the co-**localization** and diversity of SURs ... GJ GroverCardioprotective effect of diazoxide and its interaction with mitochondrial **ATP-sensitive K + channels**: possible mechanism of ...

☆ 77 90회 인용 관련 학술자료 전체 5개의 버전

Molecular composition of mitochondrial ATP-sensitive potassium channels probed by viral Kir gene transfer

J Seharaseyon, A Ohler, N Sasaki, H Fraser... - Journal of molecular and ..., 2000 - Elsevier

... determine if Kir6.1 protein is expressed and, if so, whether the protein co-**localizes** with mitochondria ... shown. Kir6.1 was predominantly **localized** in sur- face and t-tubular membranes [Fig ... there was no apparent co-**localization** with mito- chondria stained by MitoTracker [Fig ...

☆ 77 121회 인용 관련 학술자료 전체 8개의 버전

Subunit composition of ATP-sensitive potassium channels in mitochondria of rat hearts

D Van Cuong, N Kim, H Joo, JB Youm, JY Chung... - Mitochondrion, 2005 - Elsevier

... **ATP-sensitive K + (K ATP) channels** have been proposed to play a role in IPC-induced ... The **localization** of **K ATP channel subunits** was investigated by antibody-associated immunofluorescence in ... the immunofluorescence signals of Kir6.1 and Kir6.2 were co-**localized** ...

☆ 77 61회 인용 관련 학술자료 전체 4개의 버전

[PDF] academia.edu



国内版

国际版

Localization of ATP-sensitive K⁺ channel subunits in rat liver



All

Images

Videos

关闭取词

67,300 Results

Any time ▾

Localization of ATP-sensitive K⁺ Channel Subunits in Rat ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2874182>

Sep 11, 2009 · In conclusion, **K ATP channel subunit Kir6.1, Kir6.2, SUR2A, and SUR2B localization** in the epithelial cells of the **rat SMG** indicated that variable combinations of these subunits were formed in these cells, and that they may play important roles in those cells during salivation and regulation of ion concentration, as well as in the bioactive substance secretion of saliva through the ductal system to ...

Cited by: 6

Author: Ming Zhou, Hui-Jing He, Maki Hirano, Mas...

Publish Year: 2010

Localization of ATP-sensitive K⁺ Channel Subunits in Rat ...

https://www.researchgate.net/publication/40027730_Localization_of_ATP-sensitive_K...

ATP-sensitive K(+) (K(ATP)) channel subunits SUR2A and SUR2B in the **rat brain** were investigated by RT-PCR assay, western blot analysis, in situ hybridization histochemistry, and ...

Enhancement of Liver Regeneration by Adenosine ...

<https://insights.ovid.com/transplantation/trans/2012/06/150/enhancement-liver...> ▾

To investigate the role of **K ATP channel openers** in liver regeneration, we allocated rats into four groups: control (vehicle) (n=24), **diazoxide** (n=24), vehicle plus **channel blocker (n=6)**, and diazoxide plus **channel blocker** (n=6) groups. After 70% partial hepatectomy, **hepatic tissue ATP levels**, liver-to-body weight ratio, and proliferation rate of hepatocytes were examined.

The Intracellular Localization and Function of the ATP ...

<https://link.springer.com/article/10.1007/s00232-010-9241-x> ▾

Mar 20, 2010 · Our aim was to determine the **subcellular localization** and functional roles of the **K ATP channel subunit Kir6.1** in intracellular membranes. Specifically, we focused on the potential role of Kir6.1 as a **subunit** of the **mitochondrial ATP-sensitive K + channel**. **Cell imaging** showed that a major proportion of heterologously expressed Kir6.1-GFP and endogenously expressed Kir6.1 was ...

Cited by: 21

Author: Keat-Eng Ng, Sarah Schwarzer, Michael ...

Publish Year: 2010



All

Images

Videos

翻译成中文

关闭取词

83,200 Results

Any time ▾

Localization of ATP-sensitive K⁺ Channel Subunits in Rat ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2874182>

ATP-sensitive K⁺ (KATP) channel subunits were investigated in rat submandibular gland (SMG). RT-PCR detected the presence of mRNA transcripts of the Kir6.1, Kir6.2, SUR2A, and SUR2B in the SMG, whereas SUR1 mRNA was barely detected. Western blot analysis provided the evidence that these four KATP channel subunits are expressed in rat SMG.

Cited by: 6

Author: Ming Zhou, Hui-Jing He, Maki Hirano, Ma...

Publish Year: 2010

Localization of the ATP-sensitive K⁺ channel regulatory ...

<https://www.sciencedirect.com/science/article/pii/S0168010212001678>

ATP-sensitive K⁺ (KATP) channel subunits SUR2A and SUR2B in the rat brain were investigated by RT-PCR assay, western blot analysis, in situ hybridization histochemistry, and immunohistochemical staining. The results show that the mRNA and protein of SUR2A and SUR2B are expressed in whole rat brain extracts and selected regions. SUR2 mRNA is widely expressed in many neurons and glial cells ...

Cited by: 9

Author: Ming Zhou, Hui-Jing He, Osamu Tanaka, ...

Publish Year: 2012

Localization of ATP-sensitive K⁺ Channel Subunits in Rat ...

https://www.researchgate.net/publication/40027730_Localization_of_ATP-sensitive_K...

ATP-sensitive K⁺ (KATP) channel subunits were investigated in rat submandibular gland (SMG). RT-PCR detected the presence of mRNA transcripts of ...

Different Localization of ATP Sensitive K⁺ Channel ...

onlinelibrary.wiley.com/doi/10.1002/ar.21348/full

Feb 15, 2011 · Expression of ATP sensitive K⁺ channel subunit Kir6.1 in rat kidney. Eur J Histochem 51: 43 – 51. PubMed, CAS, Web of Science® Times Cited: 11; Zhou M, He HJ, Tanaka O, Suzuki R, Sekiguchi M, Yasuoka Y, Kawahara K, Itoh H, Abe H. 2008. Localization of the sulphonylurea receptor subunits, SUR2A and SUR2B, in rat renal tubular epithelium.

Published in: Anatomical Record-advances in Integrative Anatomy and Evolutionary Biology · 2011

Authors: Ming Zhou · Huijing He · Osamu Tanaka · Masaki Sekiguchi · Katsumasa Kawahara

Affiliation: Akita University · Tokai University · Kitasato University

About: Immunohistochemistry

Localization of ATP-sensitive K⁺ Channel Subunits in Rat ...

europepmc.org/articles/PMC2874182

ATP-sensitive K⁺ (KATP) channel subunits were investigated in rat submandibular gland (SMG).RT-

Name of Journal: *World Journal of Experiment Medicine*

Manuscript NO: 48984

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Localization of ATP-sensitive K⁺ channel subunits in rat liver

Zhou M *et al.* K_{ATP} channel subunits in rat liver

Ming Zhou, Kiwamu Yoshikawa, Hideo Akashi, Mitsutaka Miura, Ryoji Suzuki, Tao-Sheng Li, Hiroshi Abe, Yoshio Bando

Abstract

Match Overview		
1	Crossref 24 words Takashi Kawano. "Molecular Mechanisms of the Inhibitory Effects of Bupivacaine, Levobupivacaine, and Ropivacaine on Cardiac K _{ATP} Channels", <i>Journal of Pharmacology and Therapeutics</i> , 2017, Volume 2017, Article ID 1234567, 12 pages.	1%
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11	Crossref 11 words Wu, S.N. "Identification of two types of ATP-sensitive K ⁺ channels in rat ventricular myocytes", <i>Life Sciences</i> , 2015, Volume 125, Pages 1-10.	<1%
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