

Accepted Manuscript

Human AK2 links intracellular bioenergetic redistribution to the fate of hematopoietic progenitors

Koichi Oshima, Norikazu Saiki, Michihiro Tanaka, Hiromi Imamura, Akira Niwa, Ayako Tanimura, Ayako Nagahashi, Akiyoshi Hirayama, Keisuke Okita, Akitsu Hotta, Shuichi Kitayama, Mitsujiro Osawa, Shin Kaneko, Akira Watanabe, Isao Asaka, Wataru Fujibuchi, Kohsuke Imai, Hiromasa Yabe, Yoshiro Kamachi, Junichi Hara, Seiji Kojima, Masaru Tomita, Tomoyoshi Soga, Takafumi Noma, Shigeaki Nonoyama, Tatsutoshi Nakahata, Megumu K. Saito



PII: S0006-291X(18)30370-X

DOI: [10.1016/j.bbrc.2018.02.139](https://doi.org/10.1016/j.bbrc.2018.02.139)

Reference: YBBRC 39504

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 7 February 2018

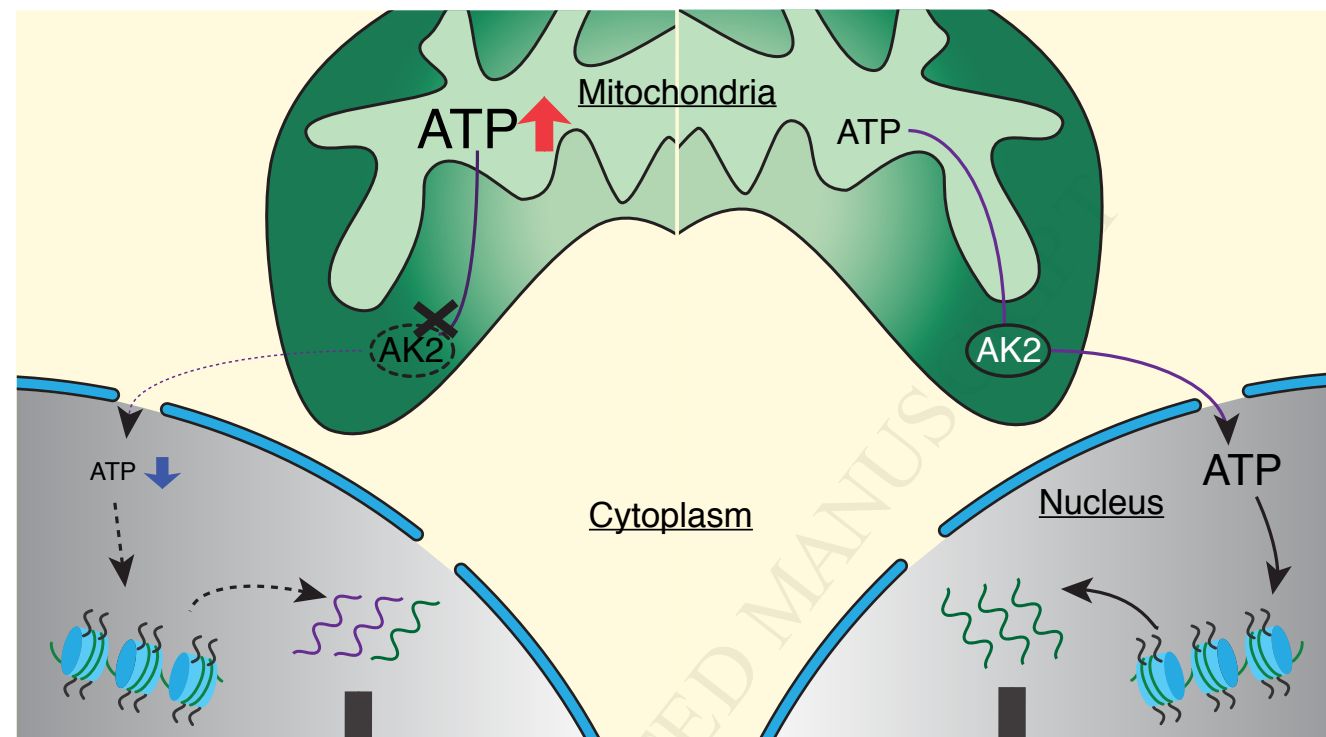
Accepted Date: 15 February 2018

Please cite this article as: K. Oshima, N. Saiki, M. Tanaka, H. Imamura, A. Niwa, A. Tanimura, A. Nagahashi, A. Hirayama, K. Okita, A. Hotta, S. Kitayama, M. Osawa, S. Kaneko, A. Watanabe, I. Asaka, W. Fujibuchi, K. Imai, H. Yabe, Y. Kamachi, J. Hara, S. Kojima, M. Tomita, T. Soga, T. Noma, S. Nonoyama, T. Nakahata, M.K. Saito, Human AK2 links intracellular bioenergetic redistribution to the fate of hematopoietic progenitors, *Biochemical and Biophysical Research Communications* (2018), doi: 10.1016/j.bbrc.2018.02.139.

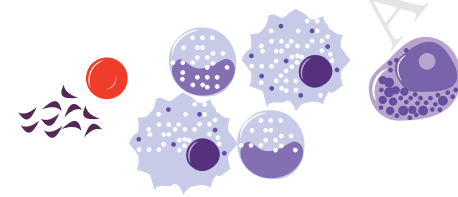
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

AK2 deficiency

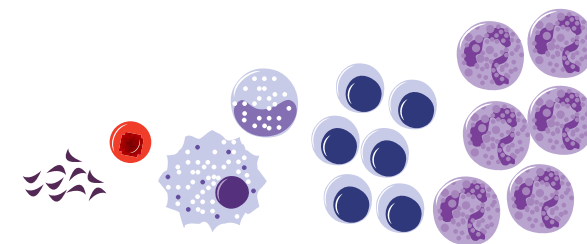
Normal AK2



Restricted differentiation by altered
transcriptional profile



Transcriptional regulation of differentiation



Download English Version:

<https://daneshyari.com/en/article/8294078>

Download Persian Version:

<https://daneshyari.com/article/8294078>

[Daneshyari.com](https://daneshyari.com)