Accepted Manuscript

Identification of d-amino acid oxidase and propiverine interaction partners and their potential role in the propiverine-mediated nephropathy

Marcia Y. Maier, Lisanne Luks, Oliver Baudendistel, Valentin Wittmann, Daniel R. Dietrich

PII: S0009-2797(17)31113-4

DOI: 10.1016/j.cbi.2017.12.023

Reference: CBI 8180

To appear in: Chemico-Biological Interactions

Received Date: 13 October 2017
Revised Date: 11 December 2017
Accepted Date: 13 December 2017

Please cite this article as: M.Y. Maier, L. Luks, O. Baudendistel, V. Wittmann, D.R. Dietrich, Identification of d-amino acid oxidase and propiverine interaction partners and their potential role in the propiverine-mediated nephropathy, *Chemico-Biological Interactions* (2018), doi: 10.1016/j.cbi.2017.12.023.

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.



ACCEPTED MANUSCRIPT

1 Identification of D-amino acid oxidase and propiverine

2 interaction partners and their potential role in the

3 propiverine-mediated nephropathy

- 4 Maier, Marcia Y.^{1,2*}, Luks, Lisanne^{1*}, Baudendistel, Oliver^{2,3}, Wittmann, Valentin^{2,3} and Dietrich,
- 5 Daniel R.^{1,2§}

6

- ¹Human and Environmental Toxicology, Department of Biology, University of Konstanz
- 8 ²Konstanz Research School Chemical Biology (KoRS-CB), University of Konstanz
- 9 ³Organic Chemistry/Bioorganic Chemistry, Department of Chemistry, University of Konstanz
- 10 §Corresponding author; Daniel R. Dietrich, Universitätsstrasse 10, 78457 Konstanz, Germany; phone:
- +49 7531 883518, E-mail: daniel.dietrich@uni-konstanz.de, orcid.org/0000-0003-0416-3811
- 12 *These authors contributed equally to this work

13

14 Abbreviations

- 15 human and rat D-amino acid oxidase (hDAAO, rDAAO), peroxisomal targeting signal 1 (PTS1),
- 16 peroxisomal targeting signal 2 (PTS2), peroxisomal membrane proteins (PMPs), peroxin (PEX), human
- 17 embryonic kidney (HEK293), Wistar-Kyoto rat kidney proximal tubule (WKPT)

18

Download English Version:

https://daneshyari.com/en/article/8545097

Download Persian Version:

https://daneshyari.com/article/8545097

<u>Daneshyari.com</u>