ABCB subfamily in GtoPdb v.2023.1

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Abstract

The ABCB subfamily is composed of four full transporters and two half transporters. This is the only human subfamily to have both half and full types of transporters. ABCB1 was discovered as a protein overexpressed in certain drug resistant tumor cells. It is expressed primarily in the blood brain barrier and liver and is thought to be involved in protecting cells from toxins. Cells that overexpress this protein exhibit multi-drug resistance [8, 1].

Contents

This is a citation summary for ABCB subfamily in the Guide to Pharmacology database (GtoPdb). It exists purely as an adjunct to the database to facilitate the recognition of citations to and from the database by citation analyzers. Readers will almost certainly want to visit the relevant sections of the database which are given here under database links.

GtoPdb is an expert-driven guide to pharmacological targets and the substances that act on them. GtoPdb is a reference work which is most usefully represented as an on-line database. As in any publication this work should be appropriately cited, and the papers it cites should also be recognized. This document provides a citation for the relevant parts of the database, and also provides a reference list for the research cited by those parts. For further details see [4].

Please note that the database version for the citations given in GtoPdb are to the most recent preceding version in which the family or its subfamilies and targets were substantially changed. The links below are to the current version. If you need to consult the cited version, rather than the most recent version, please contact the GtoPdb curators.

Database links

ABCB subfamily
https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=152

Transporters

MDR1, PGP1(ABCB1)
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=768

TAP1(ABCB2)
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=769

TAP2(ABCB3)
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=770

PGY3(ABCB4)
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=771

ABCB5
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=772
References


