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ABCB subfamily in GtoPdb v.2025.3

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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.

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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
  - MTABC3(ABCB6)
    https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=773
  - ABC7(ABCB7)
    https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=774
  - MABC1(ABCB8)
    https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=775
  - TAPL(ABCB9)
    https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=776
  - MTABC2(ABCB10)

https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=777
ABC16(ABCB11)
https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=778

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