

[28808058](http://www.uniprot.org/citations/28808058)). Involved in the stabilization of the iron transporter mitoferrin- 1/SLC25A37 (By similarity). In addition may be involved in mitochondrial unfolded protein response (UPRmt) signaling pathway, although ABCB10 probably does not participate in peptide export from mitochondria (PubMed:[28315685](http://www.uniprot.org/citations/28315685)).

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9JL39}; Multi-pass membrane protein

Tissue Location

Ubiquitous. Highly expressed in bone marrow, expressed at intermediate to high levels in skeletal muscle, small intestine, thyroid, heart, brain, placenta, liver, pancreas, prostate, testis, ovary, leukocyte, stomach, spinal cord, lymph node, trachea and adrenal gland, and low levels are found in lung, kidney, spleen, thymus and colon.

ABCB10 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ABCB10 Antibody (N-term) Blocking Peptide - Images

ABCB10 Antibody (N-term) Blocking Peptide - Background

The membrane-associated protein ABCB10 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The function of this mitochondrial protein is unknown.

ABCB10 Antibody (N-term) Blocking Peptide - References

Zhang, F., et al., J. Biol. Chem. 275(30):23287-23294 (2000). Allikmets, R., et al., Mamm. Genome 6(2):114-117 (1995). Zhang, F., et al., FEBS Lett. 478 (1-2), 89-94 (2000).