



MDR/TAP, ABCB10, ATP-binding cassette sub-family B, member 10 polyclonal antibody

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Box 1 | Basic Info

| | |
|------------------|---------------|
| Cat. No. | ABP-PAB-10457 |
| Animal ID | RB1807-1808 |
| Host | Rabbit |
| Reactivity | Human |
| Format | Purified |
| Accession number | NM_012089 |
| Amount | 100µl |

Alternative Name(s): ATP-binding cassette sub-family B (MDR/TAP) member 10, M-ABC2, MTABC2, EST20237

Description

The ATP-binding cassette sub-family B (MDR/TAP) member 10 (ABCB10) protein is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White) and ABCB10 is a member of the MDR/TAP subfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes and members of the MDR/TAP subfamily are involved in multidrug resistance, lipid transportation as well as antigen presentation. The precise function of this mitochondrial transporter protein is unknown.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 16 - 28 [SPAEPGRLLPVAC] of the human ATP-binding cassette sub-family B (MDR/TAP) member 10 (ABCB10) protein.

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Zhang F, Hogue DL, Liu L, Fisher CL, Hui D, Childs S, Ling V: M-ABC2, a new human mitochondrial ATP-binding cassette membrane protein. FEBS Lett. 478(1-2): 89-94 (2000).
2. Zhang F, Zhang W, Liu L, Fisher CL, Hui D, Childs S, Dorovini-Zis K, Ling V: Characterization of ABCB9, an ATP binding cassette protein associated with lysosomes. J. Biol. Chem. 275(30): 23287-23294 (2000).
3. Allikmets R, Gerrard B, Glavac D, Ravnik-Glavac M, Jenkins NA, Gilbert DJ, Copeland NG, Modi W, Dean M: Characterization and mapping of three new mammalian ATP-binding transporter genes from an EST database. Mamm. Genome 6(2): 114-117 (1995).