



Anti-ABCB10 polyclonal antibody (DPAB-DC1107)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The membrane-associated protein encoded by this gene 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.
Immunogen	A synthetic peptide corresponding to human ABCB10. The sequence is C-KPNGIYRKL MNKQ
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ABCB10 ATP-binding cassette, sub-family B (MDR/TAP), member 10 [Homo sapiens (human)]
Official Symbol	ABCB10
Synonyms	ABCB10; ATP-binding cassette, sub-family B (MDR/TAP), member 10; M-ABC2; MTABC2; EST20237; ATP-binding cassette sub-family B member 10, mitochondrial; ABC transporter 10 protein; ATP-binding cassette transporter 10; mitochondrial ATP-binding cassette 2;
Entrez Gene ID	23456
Protein Refseq	NP_036221
UniProt ID	Q9NRK6
Chromosome Location	1q42.13
Pathway	ABC transporters; ABC-family proteins mediated transport; Transmembrane transport of small molecules.
Function	ATP binding; ATPase activity, coupled to transmembrane movement of substances; protein homodimerization activity; transporter activity