



Human ABCB10 blocking peptide (CDBP0263)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ABCB10 antibody
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.
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name	ABCB10 ATP-binding cassette, sub-family B (MDR/TAP), member 10 [Homo sapiens]
Official Symbol	ABCB10
Synonyms	ABCB10; ATP-binding cassette, sub-family B (MDR/TAP), member 10; ATP-binding cassette sub-family B member 10, mitochondrial; ABC transporter 10 protein; ATP binding cassette sub family B member 10; mitochondrial; ATP binding cassette transporter 10; EST20237; M ABC2; mitochondrial ATP binding cassette 2; MTABC2; ATP-binding cassette transporter 10; mitochondrial ATP-binding cassette 2; M-ABC2;
Entrez Gene ID	23456
mRNA Refseq	NM_012089
Protein Refseq	NP_036221
UniProt ID	Q9NRK6
Chromosome Location	1q32
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Mitochondrial ABC transporters, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; nucleotide binding; oligopeptide-transporting ATPase activity; protein homodimerization activity; transporter activity;