



Human ABCB8 blocking peptide (CDBP0265)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ABCB8 antibody
Antigen Description	This nuclear gene encodes a multi-pass membrane protein that is targeted to the mitochondrial inner membrane. The encoded protein is an ATP-dependent transporter that may mediate the passage of organic and inorganic molecules out of the mitochondria. Loss of function of the related gene in mouse results in a disruption of iron homeostasis between the mitochondria and cytosol. Alternative splicing results in multiple transcript variants.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ABCB8 ATP-binding cassette, sub-family B (MDR/TAP), member 8 [Homo sapiens]
Official Symbol	ABCB8
Synonyms	ABCB8; ATP-binding cassette, sub-family B (MDR/TAP), member 8; ATP-binding cassette sub-family B member 8, mitochondrial; EST328128; M ABC1; MABC1; mitochondrial ABC protein; mitochondrial ATP-binding cassette 1; M-ABC1;

Entrez Gene ID	11194
mRNA Refseq	NM_007188
Protein Refseq	NP_009119
UniProt ID	Q9NUT2
Chromosome Location	7q35-q36
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; transporter activity;