



ABCB7 Polyclonal Antibody

Cat No: HR1AP2675

For research use only

Overview

Product Name	ABCB7 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	83kDa
GenID?Human?	ABCB7
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ABCB7; ABC7; ATP-binding cassette sub-family B member 7; mitochondrial; ATP-binding cassette transporter 7; ABC transporter 7 protein
Background	ATP binding cassette subfamily B member 7(ABCB7) Homo sapiens 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 as well as antigen presentation. This gene encodes a half-transporter involved in the transport of heme from the mitochondria to the cytosol. With iron/sulfur cluster precursors as its substrates, this protein may play a role in metal homeostasis. Mutations in this gene have been associated with mitochondrial iron accumulation and isodicentric (X)(q13) and sideroblastic anemia. Alternatively spliced transcript variants encoding multiple isoforms have