antibodies -online.com







anti-ABCB7 antibody (AA 718-746)

Images



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Quantity:	0.4 mL	
Target:	ABCB7	
Binding Specificity:	AA 718-746	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ABCB7 antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)	

Product Details

Immunogen:	A portion of amino acids 718-746 from the human protein was used as the immunogen for this ABCB7 antibody.	
Isotype:	lg Fraction	
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat	
Purification:	Purified	

Target Details

Target:	ABCB7	
Alternative Name:	ABCB7 (ABCB7 Products)	
Background:	The membrane-associated protein ABCB7 is a member of the superfamily of ATP-binding	

cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular 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 implicated in X-linked sideroblastic anemia with ataxia.

UniProt:

075027

Pathways:

Transition Metal Ion Homeostasis

Application Details

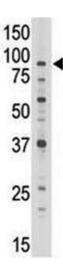
Application Notes:	Titration of the ABCB7 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions:

For Research Use only

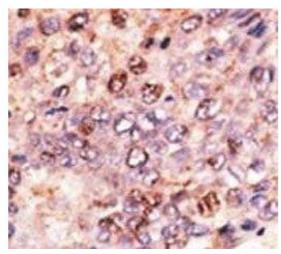
Handling

Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the ABCB7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



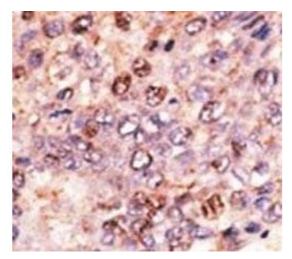
Western Blotting

Image 1. ABCB7 antibody western blot analysis of Jurkat cell lysate



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma tissue stained with the ABCB7 antibody



Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with the ABCB7 antibody