Rabbit ABCB7 Polyclonal Antibody | anti-ABCB7 antibody

ABCB7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173045	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

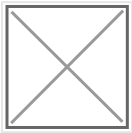
ABCB7; Polyclonal Antibody; ABCB7 Polyclonal Antibody; ABC7; ASAT; Atm1p; EST140535; anti-ABCB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	0.9mg/ml (varies by lot)
Sequence Length	713
Applicable Applications for anti-ABCB7 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Fusion protein of human ABCB7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20968
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ABCB7 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABCB7 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB7 antibody	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 been observed for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	411147369
NCBI GeneID	22
NCBI GenBank Nucleotide #	NM_001271699.1
Molecular Weight	78,160 Da
NCBI Official Full Name	ATP-binding cassette sub-family B member 7, mitochondrial isoform 5
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 7
NCBI Official Symbol	ABCB7
NCBI Official Synonym Symbols	ABC7; ASAT; Atm1p; EST140535
NCBI Protein Information	ATP-binding cassette sub-family B member 7, mitochondrial
UniProt Protein Name	ATP-binding cassette sub-family B member 7, mitochondrial
UniProt Gene Name	**ABCB7**
UniProt Synonym Gene Names	ABC7; ABC transporter 7 protein
UniProt Entry Name	ABCB7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/abcb7-antibody-immunohistochemistry-elisa/173045