

Rabbit anti-Human ABCB7 Polyclonal Antibody | anti-ABCB7 antibody

ABCB7 Antibody

CATALOG # AAA308479	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ABCB7 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	752
Applicable Applications for anti-ABCB7 antibody	IHC (Immunohistochemistry)
Immunogen	Fusion protein of human ABCB7
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using 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 isodiscentric (X)(q13) and sideroblastic anemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	411147363
NCBI GeneID	22
NCBI Accession #	NP_001258625.1
NCBI GenBank Nucleotide #	NM_001271696.1
UniProt Accession #	O75027; O75345; Q5VWY7; Q5VWY8; Q9BRE1; Q9UND1; Q9UP01; G3XAC4
Molecular Weight	78,160 Da
NCBI Official Full Name	ATP-binding cassette sub-family B member 7, mitochondrial isoform 2
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/308479>