

Rabbit anti-Human ABCB10 Polyclonal Antibody | anti-ABCB10 antibody

ABCB10 Antibody (N-term)

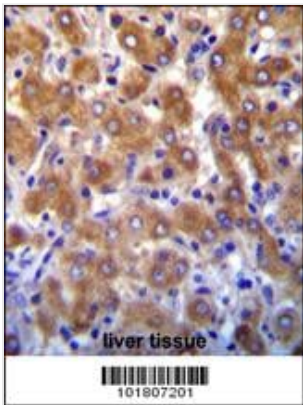
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290228	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

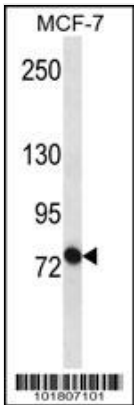
ABCB10; Polyclonal Antibody; ABCB10 Antibody (N-term); ATP-binding cassette sub-family B member 10; mitochondrial; ATP-binding cassette transporter 10; ABC transporter 10 protein; Mitochondrial ATP-binding cassette 2; M-ABC2; anti-ABCB10 antibody

PRODUCT SPECIFICATIONS

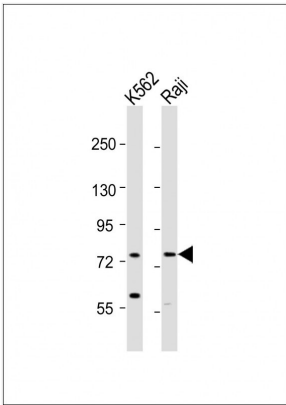
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ABCB10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-27 amino acids from the N-terminal region of human ABCB10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	1-27
Sequence Length	738
Applicable Applications for anti-ABCB10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
ABCB10 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ABCB10 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ABCB10 Antibody (S16) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the ABCB10 antibody detected the ABCB10 protein (arrow).



WB (Western Blot)
All lanes : Anti-ABCB10 Antibody (S16) at 1:1000-1:2000 dilution
Lane 1: K562 whole cell lysates
Lane 2: Raji whole cell lysates
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 79 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB10 antibody	The membrane-associated protein ABCB10 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. The function of this mitochondrial protein is unknown.
Product Categories/Family for anti-ABCB10 antibody	Metabolism; Signal Transduction
References	Zhang, F., et al., J. Biol. Chem. 275(30):23287-23294 (2000). Allikmets, R., et al., Mamm. Genome 6(2):114-117 (1995). Zhang, F., et al., FEBS Lett. 478 (1-2), 89-94 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	171184400
NCBI GeneID	23456
NCBI Accession #	NP_036221.2
NCBI GenBank Nucleotide #	NM_012089.2

UniProt Accession #	Q9NRK6 ; Q13040 ; Q6P1Q8 ; Q9H3V0
Molecular Weight	79148
NCBI Official Full Name	ATP-binding cassette sub-family B member 10, mitochondrial
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family B (MDR/TAP), member 10
NCBI Official Symbol	ABCB10
NCBI Official Synonym Symbols	M-ABC2; MTABC2; EST20237
NCBI Protein Information	ATP-binding cassette sub-family B member 10, mitochondrial
UniProt Protein Name	ATP-binding cassette sub-family B member 10, mitochondrial
UniProt Gene Name	ABCB10
UniProt Synonym Gene Names	ABC transporter 10 protein; M-ABC2
UniProt Entry Name	ABCBA_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/abcb10-antibody-immunohistochemistry-western-blot-elisa/290228>