

Rabbit anti-Human ABCB6 Polyclonal Antibody | anti-ABCB6 antibody

ABCB6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290982	Rabbit	Human	Immunohistochemistry, Western Blot

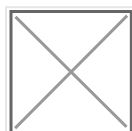
PRODUCT SYNONYMS

ABCB6; Polyclonal Antibody; ABCB6 Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); ATP-binding cassette sub-family B member 6; mitochondrial; Mitochondrial ABC transporter 3; Mt-ABC transporter 3; P-glycoprotein-related protein; Ubiquitously-expressed mammalian ABC half transporter; MTABC3; PRP; UMAT; anti-ABCB6 antibody

PRODUCT SPECIFICATIONS

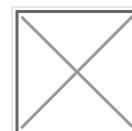
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB1810
Specificity	This ABCB6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 812-842 amino acids from the C-terminal region of human ABCB6.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-ABCB6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Region	812-842
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-ABCB6 C-term Pab is used in Western blot to detect ABCB6 in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB6 antibody	The membrane-associated protein ABCB6 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 half-transporter likely plays a role in mitochondrial function. Localized to 2q26, this gene is considered a candidate gene for lethal neonatal metabolic syndrome, a disorder of mitochondrial function.
Product Categories/Family for anti-ABCB6 antibody	Primary Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Mitsuhashi, N., et al., J. Biol. Chem. 275(23):17536-17540 (2000).Furuya, K.N., et al., Cancer Res. 57(17):3708-3716 (1997).Allikmets, R., et al., Hum. Mol. Genet. 5(10):1649-1655 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	9955963
NCBI GeneID	10058
NCBI Accession #	NP_005680.1
NCBI GenBank Nucleotide #	NM_005689.2
UniProt Accession #	Q9NP58; O75542; Q49A66; Q59GQ5; Q6ZME6; Q96ME8; Q9HAQ6; Q9HAQ7
Molecular Weight	93,886 Da
NCBI Official Full Name	ATP-binding cassette sub-family B member 6, mitochondrial
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family B (MDR/TAP), member 6
NCBI Official Symbol	ABCB6
NCBI Official Synonym Symbols	ABC; PRP; umat; ABC14; MTABC3; FLJ22414
NCBI Protein Information	ATP-binding cassette sub-family B member 6, mitochondrial; OTTHUMP00000164171; OTTHUMP00000206108; mt-ABC transporter 3; P-glycoprotein-related protein; mitochondrial ABC transporter 3; ATP-binding cassette half-transporter; ubiquitously-expressed mammali
UniProt Protein Name	ATP-binding cassette sub-family B member 6, mitochondrial
UniProt Gene Name	ABCB6
UniProt Synonym Gene Names	MTABC3; PRP; UMAT; Mt-ABC transporter 3
UniProt Entry Name	ABCB6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcb6-antibody-clone-rb1810-immunohistochemistry-western-blot-elisa/290982>