

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

Anti-ABCB6 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44975	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ABCB6; Polyclonal Antibody; Anti-ABCB6 antibody; ATP-binding cassette sub-family B member 6; mitochondrial; ATP-binding cassette; sub-family B(MDR/TAP); member 6; ABC antibody; ABC transporter umat antibody; ABC14 antibody; Abcb6 antibody; ABCB6_HUMAN antibody; ATP binding cassette sub family B member 6; mitochondrial precursor antibody; ATP binding cassette; sub family B(MDR/TAP); member 6 antibody; ATP-binding cassette sub-family B member 6 antibody; Mitochondrial ABC transporter 3 antibody; mitochondrial antibody; Mt ABC transporter 3 antibody; Mt-ABC transporter 3 antibody; MTABC3 antibody; P glycoprotein related protein antibody; P-glycoprotein-related protein antibody; PRP antibody; Ubiquitously expressed mammalian ABC half transporter antibody; Ubiquitously-expressed mammalian ABC half transporter antibody; UMAT antibody; anti-ABCB6 antibody

PRODUCT SPECIFICATIONS

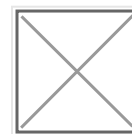
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	842
Applicable Applications for anti-ABCB6 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ABCB6 (818-842aa YADMWQLQQGQEETSEDTKPQTMER).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-ABCB6 antibody, AAA44975, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-ABCB6 antibody, AAA44975, Western blottingAll lanes: Anti ABCB6 (AAA44975) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugPredicted bind size: 94KDObserved bind size: 94KD

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB6 antibody	Description: Rabbit IgG polyclonal antibody for ATP-binding cassette sub-family B member 6, mitochondrial(ABCB6) detection. Tested with WB, IHC-P, ICC in Human. Background: ABCB6, ATP-binding cassette sub-family B member 6, mitochondrial is a protein that in humans is encoded by the ABCB6 gene. 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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13123949
NCBI GeneID	10058
UniProt Accession #	Q9NP58; O75542; Q49A66; Q59GQ5; Q6ZME6; Q96ME8; Q9HAQ6; Q9HAQ7
Molecular Weight	88,600 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 (Langereis blood group)
NCBI Official Symbol	ABCB6
NCBI Official Synonym Symbols	ABC; LAN; PRP; DUH3; umat; ABC14; MTABC3; MCOPCB7
NCBI Protein Information	ATP-binding cassette sub-family B member 6, mitochondrial; mt-ABC transporter 3; P-glycoprotein-related protein; mitochondrial ABC transporter 3; ATP-binding cassette half-transporter; ubiquitously-expressed mammalian ABC half transporter
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.

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