Datasheet for ABIN673619

anti-ABCB6 antibody (AA 401-520) (Cy5.5)

Go to Product page

Overview

Quantity:	100 µL
Target:	ABCB6
Binding Specificity:	AA 401-520
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB6 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ABCB6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	ABCB6
Alternative Name:	ABCB6 (ABCB6 Products)

Target Details

Background:	Synonyms: ABC, ABC14, EST45597, ABC 14, ABC-14, ABCB 6, ABCB-6, PRP, UMAT, ABC transporter umat, MTABC3, Mt-ABC transporter 3, umat, Mitochondrial precursor, Mitochondrial ABC transporter 3, Mitochondrial abc protein 3, ATP-binding cassette, sub-family B, member 6, mitochondrial precursor, ATP binding cassette, sub family B MDR/TAP, member 6, P glycoprotein related protein, Abcb6, ABCB6_HUMAN, ATP binding cassette sub family B member 6, mitochondrial precursor, ATP-binding cassette sub-family B member 6, Mitochondrial ABC transporter 3, mitochondrial, Mt ABC transporter 3, P-glycoprotein-related protein, Ubiquitously-expressed mammalian ABC half transporter, UMAT, Ubiquitously expressed mammalian ABC half transporter. Background: 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.
Gene ID:	10058
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months