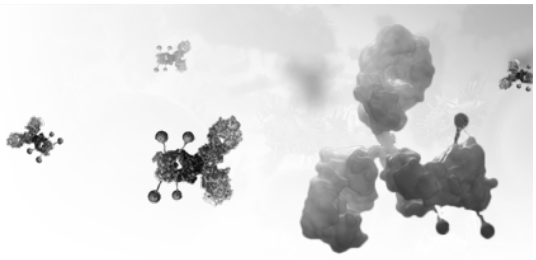

Anti-ABCB11 (aa 1307-1321) polyclonal antibody (DPAB-DC1382)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. The protein encoded by this gene is the major canalicular bile salt transporter in humans and mice. Mutations in the human gene cause a form of progressive familial intrahepatic cholestases which are a group of inherited disorders with severe cholestatic liver disease from early infancy.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 1307-1321 of mouse Abcb11.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	200 µl
Buffer	In borate buffer
Preservative	None

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Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Abcb11 ATP-binding cassette, sub-family B (MDR/TAP), member 11 [Mus musculus (house mouse)]
Official Symbol	ABCB11
Synonyms	ABCB11; ATP-binding cassette, sub-family B (MDR/TAP), member 11; Bsep; PGY4; SPGP; ABC16; Lith1; PFIC2; bile salt export pump; sister of P-glycoprotein; ATP-binding cassette sub-family B member 11; ATP-binding cassette, sub-family B, member 11;
Entrez Gene ID	27413
Protein Refseq	NP_066302
UniProt ID	Q9QY30
Chromosome Location	2 C2; 2 39.69 cM
Pathway	ABC transporters; Bile acid and bile salt metabolism; Bile secretion; Metabolism of lipids and lipoproteins
Function	ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; canalicular bile acid transmembrane transporter activity

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