

Rabbit ABCB11 Polyclonal Antibody | anti-ABCB11 antibody

Phospho-ABCB11 (Ser690) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328277	Rabbit	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ABCB11; Polyclonal Antibody; Phospho-ABCB11 (Ser690) Antibody; ABC member 16; MDR/TAP subfamily; ABC16; ABCB1; Abcb11; ABCBB_HUMAN; ATP binding cassette sub family B (MDR/TAP) member 11; ATP binding cassette sub family B member 11; ATP-binding cassette sub-family B member 11; Bile salt export pump; BRIC2; Bsep; PFIC 2; PFIC2; PGY4; progressive familial intrahepatic cholestasis 2; Sister of P glycoprotein; Spgp; anti-ABCB11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-ABCB11 (Ser690) Antibody detects endogenous levels of ABCB11 only when phosphorylated at Ser690.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1321
Applicable Applications for anti-ABCB11 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ABCB11 around the phosphorylation site of Ser690.
Tissue Specificity	Expressed predominantly, if not exclusively in the liver, where it was further localized to the canalicular microvilli and to subcanalicular vesicles of the hepatocytes by in situ.
Subcellular Location	Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse liver tissue sample, using Phospho-ABCB11 (Ser690) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB11 antibody	Description: Involved in the ATP-dependent secretion of bile salts into the canalculus of hepatocytes.
	Subunit Structure: Interacts with HAX1.
	Similarity: Multifunctional polypeptide with two homologous halves, each containing a hydrophobic membrane-anchoring domain and an ATP binding cassette (ABC) domain. Belongs to the ABC transporter superfamily. ABCB family. Multidrug resistance exporter (TC 3.A.1.201) subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527527
NCBI GeneID	8647
UniProt Accession #	O95342
Molecular Weight	Observed: 146 kDa Predicted: 147 kDa
NCBI Official Full Name	Bile salt export pump
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 11
NCBI Official Symbol	ABCB11
NCBI Official Synonym Symbols	BSEP; PGY4; SPGP; ABC16; BRIC2; PFIC2; PFIC-2
NCBI Protein Information	bile salt export pump
UniProt Protein Name	Bile salt export pump
UniProt Gene Name	ABCB11
UniProt Synonym Gene Names	BSEP
UniProt Entry Name	ABCB_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/abcb11-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328277>