

## Rabbit anti-Human, mouse ABCB11 Polyclonal Antibody | anti-ABCB11 antibody

ABCB11 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA287847 | Rabbit | Human, mouse | Immunohistochemistry, ELISA, Western Blot |

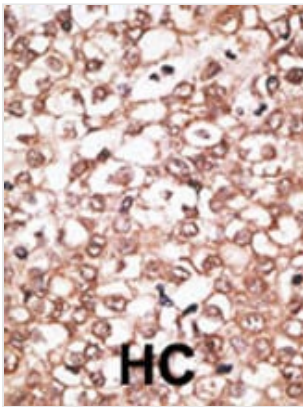
### PRODUCT SYNONYMS

ABCB11; Polyclonal Antibody; ABCB11 Antibody (C-term); Bile salt export pump; ATP-binding cassette sub-family B member 11; BSEP; anti-ABCB11 antibody

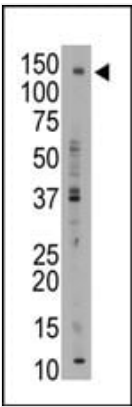
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                    |
| Reactivity                                       | Human, mouse                                                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                                                                |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                      | This ABCB11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1038-1067 amino acids from the C-terminal region of human ABCB11.                |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| 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. |
| Concentration                                    | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                               | 1038-1067                                                                                                                                                                                 |
| Sequence Length                                  | 1,321                                                                                                                                                                                     |
| Applicable Applications for anti-ABCB11 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                   | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

IMAGES



**IHC (Immunohiostchemistry)**  
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC 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-ABCB11 C-term Pab is used in Western blot to detect ABCB11 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ABCB11 antibody | ABCB11 is involved in the ATP-dependent secretion of bile salts into the canaliculus of hepatocytes. It is expressed predominatly, if not exclusively, in the liver, where it is further localized to the canilicular microvilli and to subcanilicular vesicles fo the hepatocytes. Structurally, ABCB11 is a multifunctional polypeptide with two homologus halves, each containing a hydrophobic membrane-anchoring domain and an ATP binding cassette (ABC) domain. Defects in ABCB11 are the cause of progressive familial intrahepatic cholestasis 2 (PFIC2). PFIC2 is an inherited liver disease of childhood which is characterized by cholestasis and normal serum gamma-glutamyltransferase activity. Defects in ABCB11 are also found in cases of chronic intrahepatic cholestasis without obvious familial history of chronic liver disease. |
| Product Categories/Family for anti-ABCB11 antibody   | Cancer; Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| References                                           | Chen, H.L., et al., J. Pediatr. 140(1):119-124 (2002). Saito, S., et al., J. Hum. Genet. 47(1):38-50 (2002). Strautnieks, S.S., et al., Nat. Genet. 20(3):233-238 (1998).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 21536378                                                |
| NCBI GeneID                      | 8647                                                    |
| NCBI Accession #                 | NP_003733.2                                             |
| NCBI GenBank Nucleotide #        | NM_003742.2                                             |
| UniProt Accession #              | O95342; Q53TL2; Q9UNB2                                  |
| Molecular Weight                 | 146407                                                  |
| NCBI Official Full Name          | bile salt export pump                                   |
| NCBI Official Synonym Full Names | ATP-binding cassette, sub-family B (MDR/TAP), 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         | ABCBB_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-immunohistochemistry-western-blot-elisa/287847>