

## Product datasheet

# Anti-ABCB11 antibody - Carboxyterminal end ab71793

★★★★☆ 1 Abreviews 1 Image

### Overview

<b>Product name</b>	Anti-ABCB11 antibody - Carboxyterminal end
<b>Description</b>	Rabbit polyclonal to ABCB11 - Carboxyterminal end
<b>Host species</b>	Rabbit
<b>Specificity</b>	We have received some negative reports from customers using this antibody in IHC, therefore we do not recommend this antibody for IHC.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	A KLH conjugated synthetic peptide selected from the C-terminal region of human ABCB11.
<b>Positive control</b>	Human hepatocarcinoma tissue and mouse liver tissue lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab71793** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

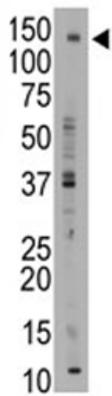
Application	Abreviews	Notes
WB	★★★★☆	1/100 - 1/500. Detects a band of approximately 146 kDa (predicted molecular weight: 146 kDa).

Application	Abreviews	Notes
ELISA		1/1000.

## Target

<b>Function</b>	Involved in the ATP-dependent secretion of bile salts into the canaliculus of hepatocytes.
<b>Tissue specificity</b>	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.
<b>Involvement in disease</b>	<p>Defects in ABCB11 are the cause of progressive familial intrahepatic cholestasis type 2 (PFIC2) [MIM:601847]. 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.</p> <p>Defects in ABCB11 are the cause of benign recurrent intrahepatic cholestasis type 2 (BRIC2) [MIM:605479]. BRIC is characterized by intermittent episodes of cholestasis without progression to liver failure. There is initial elevation of serum bile acids, followed by cholestatic jaundice which generally spontaneously resolves after periods of weeks to months. The cholestatic attacks vary in severity and duration and patients are asymptomatic between episodes, both clinically and biochemically.</p>
<b>Sequence similarities</b>	<p>Belongs to the ABC transporter superfamily. ABCB family. Multidrug resistance exporter (TC 3.A.1.201) subfamily.</p> <p>Contains 2 ABC transmembrane type-1 domains.</p> <p>Contains 2 ABC transporter domains.</p>
<b>Domain</b>	Multifunctional polypeptide with two homologous halves, each containing an hydrophobic membrane-anchoring domain and an ATP binding cassette (ABC) domain.
<b>Cellular localization</b>	Membrane.

## Images



Anti-ABCB11 antibody - Carboxyterminal end  
(ab71793) at 1/100 dilution + mouse liver  
tissue lysate at 12.5  $\mu$ g

**Predicted band size:** 146 kDa

**Observed band size:** 146 kDa

Western blot - Anti-ABCB11 antibody -  
Carboxyterminal end (ab71793)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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