

Datasheet for ABIN3028483  
**anti-ABCB4 antibody (AA 601-720)**

## 9 Images

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## Overview

Quantity:	100 µg
Target:	ABCB4
Binding Specificity:	AA 601-720
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	Human partial recombinant protein (AA 601-720) was used as the immunogen for this ABCB4 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	ABCB4
Alternative Name:	ABCB4 ( <a href="#">ABCB4 Products</a> )
Background:	Adenosine triphosphate-binding cassette subfamily B, member 4, also called MDR3, is a protein that in humans is encoded by the ABCB4 gene. The membrane-associated protein encoded by

## Target Details

this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABCB4 mutations represent a genetic factor involved in this peculiar form of cholesterol gallstone disease in adults.

Gene ID: 5244

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: Variations in secondary/substrate sensitivities and test protocols may require the ABCB4 antibody to be titrated for optimal performance.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,FACS: 1-3 µg/10<sup>6</sup> cells

Restrictions: For Research Use only

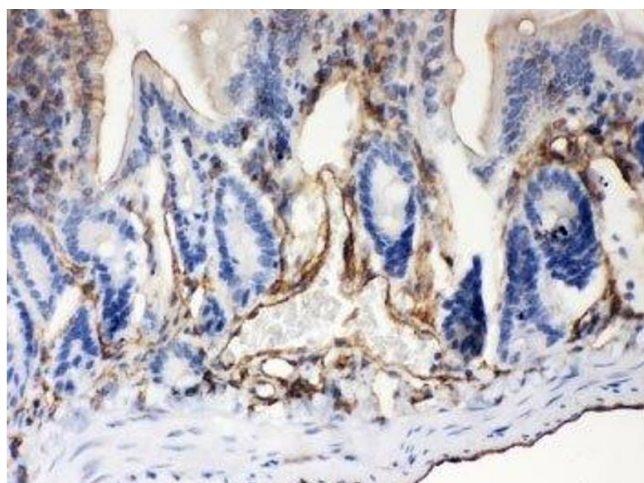
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

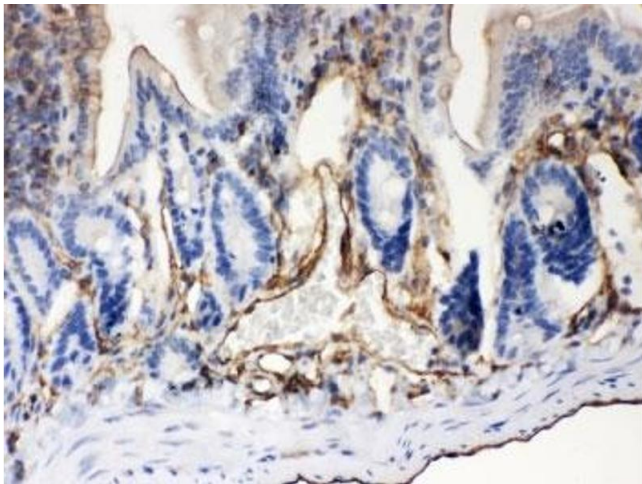
Storage Comment: The lyophilized ABCB4 antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaws.

## Images



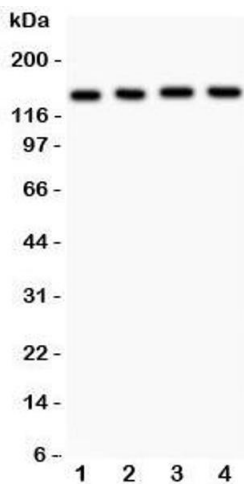
### Immunohistochemistry

**Image 1.** IHC-P: ABCB4 antibody testing of mouse intestine tissue



### Immunohistochemistry

**Image 2.** IHC-P: ABCB4 antibody testing of mouse intestine tissue



### Western Blotting

**Image 3.** Western blot testing of ABCB4 antibody and Lane 1: MCF-7; 2: SW620; 3: 22RV1; 4: SKOV. Predicted/observed size ~142KD

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3028483.