

Datasheet for ABIN2776967  
**anti-ABCB4 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	ABCB4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ABCB4
Sequence:	GRTCIVIAHR LSTIQNADLI VVFQNGRVKE HGTHQQLLAQ KGIYFSMVSV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against ABCB4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ABCB4
---------	-------

## Target Details

Alternative Name:	ABCB4 ( <a href="#">ABCB4 Products</a> )
Background:	<p>ABCB4, a membrane-associated protein, is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. This protein is a member of the MDR/TAP subfamily. Member</p> <p>Alias Symbols: ABC21, GBD1, MDR2, MDR2/3, MDR3, PFIC-3, PGY3</p> <p>Protein Interaction Partner: PIGY, TESK1, HAX1,</p> <p>Protein Size: 1279</p>
Molecular Weight:	141 kDa
Gene ID:	5244
NCBI Accession:	<a href="#">NM_000443</a> , <a href="#">NP_000434</a>
UniProt:	<a href="#">P21439</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1279 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



#### Western Blotting

**Image 1.** WB Suggested Anti-ABCB4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate ABCB4 is supported by BioGPS gene expression data to be expressed in HT1080

#### Western Blotting

**Image 2.** WB Suggested Anti-ABCB4 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500 Positive Control: HT1080 cell lysate ABCB4 is supported by BioGPS gene expression data to be expressed in HT1080