

Datasheet for ABIN2773986
anti-ABCB1 antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	ABCB1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ABCB1
Sequence:	AIVPIIAIAG VVEMKMLSGQ ALKDKKELEG SGKIATEAIE NFRTVVSLTQ
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ABCB1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ABCB1
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Target Details

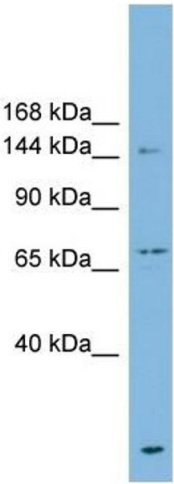
Alternative Name:	ABCB1 (ABCB1 Products)
Background:	<p>The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct</p> <p>Alias Symbols: ABC20, CD243, CLCS, GP170, MDR1, MGC163296, P-gp, PGY1, P-GP</p> <p>Protein Interaction Partner: FBXO15, UBA7, UBC, MAPKAP1, BCCIP, CD4, LNX1, PSMB8, PIM1, DHX9, HAX1, RNF2, CAV1,</p> <p>Protein Size: 1280</p>
Molecular Weight:	141 kDa
Gene ID:	5243
NCBI Accession:	NM_000927 , NP_000918
UniProt:	P08183

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1280 AA
Restrictions:	For Research Use only

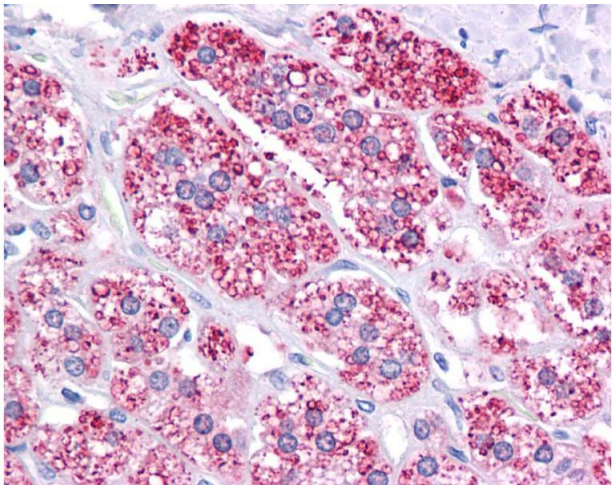
Handling

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.



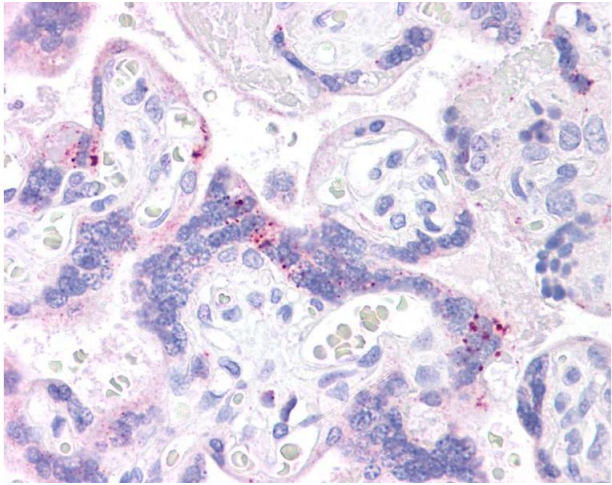
Western Blotting

Image 1. WB Suggested Anti-ABCB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NCI-H226 cell lysate



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2773986.