

Datasheet for ABIN7444991
anti-ABCB4 antibody (AA 1034-1276)

2 Images

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Overview

Quantity:	100 µL
Target:	ABCB4
Binding Specificity:	AA 1034-1276
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to ATP Binding Cassette Transporter B4 (ABCB4)
Immunogen:	Recombinant ATP Binding Cassette Transporter B4 (ABCB4) corresponding to Asn1034~Leu1276 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ABCB4. It has been selected for its ability to recognize ABCB4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

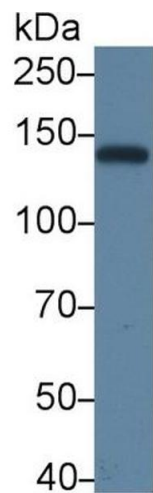
Target:	ABCB4
Alternative Name:	ATP Binding Cassette Transporter B4 (ABCB4 Products)
Background:	ABC-B4, ABC21, MDR2/3, MDR3, PFIC-3, PGY3, GBD1, Multidrug resistance protein 3, P-glycoprotein 3
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

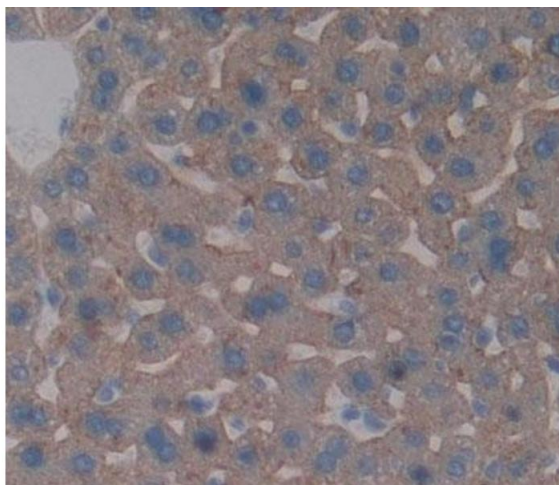
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of ABCB4 in Mouse Kidney lysate using Polyclonal Antibody to ATP Binding Cassette Transporter B4 (ABCB4)



Immunohistochemistry

Image 2. #VALUE!