

Datasheet for ABIN3030051
anti-ABCB4 antibody (AA 624-654)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	ABCB4
Binding Specificity:	AA 624-654
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 624-654 from the human protein was used as the immunogen for this ABCB4 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ABCB4
Alternative Name:	ABCB4 (ABCB4 Products)
Background:	The membrane-associated protein encoded ABCB4 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 subfamilies (ABC1,

Target Details

MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined, however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function.

UniProt: [P21439](#)

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

Application Details

Application Notes: Titration of the ABCB4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

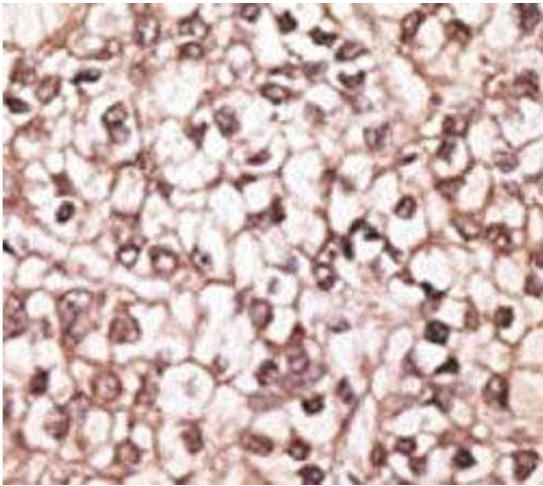
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

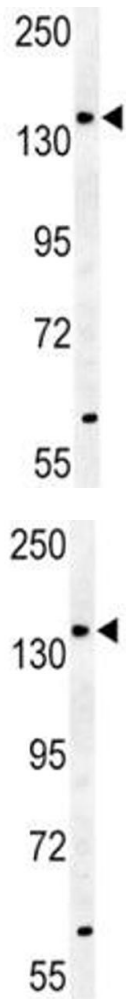
Storage: -20 °C

Storage Comment: Aliquot the ABCB4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma tissue stained with the ABCB4 antibody



Western Blotting

Image 2. ABCB4-S639 western blot analysis in mouse heart tissue lysate

Western Blotting

Image 3. ABCB4-S639 western blot analysis in mouse heart tissue lysate