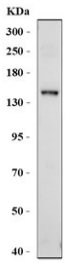
ABCB4 Antibody (R31202)

Catalog No.	Formulation	Size
R31202	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P21439
Applications	Western blot: 0.5-1ug/ml
Limitations	This ABCB4 antibody is available for research use only.



Western blot testing of ABCB4 antibody and human HepG2 cell lysate. Predicted molecular weight ~142 kDa.

Description

Adenosine triphosphate-binding cassette subfamily B, member 4 (ABCB4), also called MDR3, is a protein that in humans is encoded by the ABCB4 gene. MDR1 and MDR3/ABCB4 constitute the human P-glycoprotein gene family. The gene contains 28 exons and 27 of these contain coding sequences for the two homologous halves of the protein that correlate with functional domains. ABCB4 gene mutations represent a genetic factor involved in this peculiar form of cholesterol gallstone disease in adults.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ABCB4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human ABCB4 (MDLEAAKNGTAWRPTSAEGD) was used as the immunogen for this ABCB4 antibody.

Storage

After reconstitution, the ABCB4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.