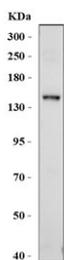


ABCB4 Antibody (R31202)

| 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.