Datasheet for ABIN7565731

anti-ABCB8 antibody

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Overview

Quantity:	25 µL
Target:	ABCB8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ABCB8 Antibody
Immunogen:	Immunogen: ABCB8 was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a internal portion of human ABCB8. Immunogen Type: Conjugated Peptide
Characteristics:	Synonyms: Rabbit anti-ABCB8 antibody, ATP-binding cassette sub-family B member 8 mitochondrial, Mitochondrial ATP-binding cassette 1, M-ABC1, ABCB-8, ABCB
Purification:	Anti-ABCB8 Antibody was prepared from monospecific, delipidated and defibrinated antiserum, with addition of sodium azide to 0.01 % .
Sterility:	Sterile filtered

Target Details

Target:	ABCB8

Target Details

Alternative Name:	ABCB8 (ABCB8 Products)
Background:	Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) (NCI) and is suitable for Cancer Research and drug resistance. ABCB8 is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) (NCI). It has been found that ABC transporters are involved in mulitdrug resistance through their ability to control the presence of drugs in cells. Multidrug resistance is currently being looked at in particular reference to cancer that is resistant to treatment. ABCB8 seems to have particularly high resistance rates in renal cancer and cancer of the central nervous system. Another significant aspect of ABCB8 is that it is a mitochondrial transporter. There are very few ABC transporters localized to the mitochondria which implies information about them could be extremely important. ABCB8 may also be localized to other parts of the cell which are yet to be determined. Anti-ABCB8 antibody is ideal for researchers interested in Cancer Research and drug resistance.
Gene ID:	11194
NCBI Accession:	NP_009119
UniProt:	Q9NUT2

Application Details

Application Notes:	Application Note: Anti-ABCB8 antibody has been tested by ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect band approximately 79.9 kDa in size corresponding to ABCB8 by western blotting in the appropriate cell lysate or extract. This antibody is suitable for use in ELISA. Western Blot Dilution: 1:250-1:500 ELISA Dilution: 1:20,000-1:50,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	80 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide

Handling

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:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months