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Datasheet for ABIN2469658
anti-ABCB1 antibody (AA 262-277)

1 Image

Overview

Quantity:	0.05 mg
Target:	ABCB1
Binding Specificity:	AA 262-277
Reactivity:	Human, Mouse, Rat, Dog, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	ABCB1 antibody was raised against amino acids 262 - 277 of ABCB1 (Human).
Purification:	Immunoaffinity Chromatography

Target Details

Target:	ABCB1
Alternative Name:	ABCB1 (ABCB1 Products)
Background:	ATP-Binding Cassette Sub-Family B Member 1 (ABCB1, also named P-glycoprotein) is a plasma membrane-associated multidrug transporter that utilizes the energy of ATP hydrolysis to pump toxic xenobiotics out of cells. Unique features of ABCB1 are its very broad substrate specificity and its basal ATPase activity in the absence of transport substrates. Human ABCB1 plays an important role in absorption, distribution, metabolism, excretion and toxicity of

Target Details

pharmacologically relevant drugs. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anti-cancer drugs. This protein also functions as a transporter across the blood-brain barrier.

Gene ID: 5243

UniProt: [P08183](#)

Application Details

Application Notes: ABCB1 antibody can be used in Western Blot, and immunohistochemistry starting at 2.5 µg/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01 % sodium azide.

Preservative: Sodium azide

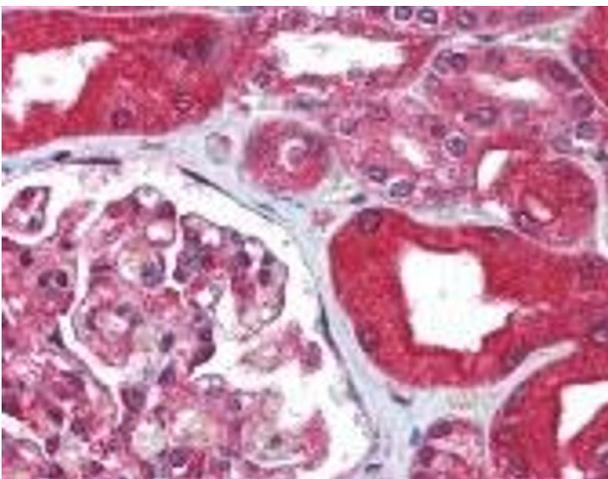
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies avoid freeze/thaw cycles. **Store undiluted.**

Storage: 4 °C/-20 °C

Storage Comment: Store ABCB1 antibody at 4 °C or -20 °C.

Images



Immunohistochemistry

Image 1.