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anti-ABCB4 antibody (Middle Region)

2 Images



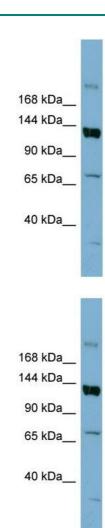
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Quantity:	100 μL	
Target:	ABCB4	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Sheep, Guinea Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ABCB4 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ABCB4	
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human ABCB4 GRTCIVIAHR LSTIQNADLI VVFQNGRVKE HGTHQQLLAQ KGIYFSMVSV	
Sequence:	GRTCIVIAHR LSTIQNADLI VVFQNGRVKE HGTHQQLLAQ KGIYFSMVSV Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat:	
Sequence: Predicted Reactivity:	GRTCIVIAHR LSTIQNADLI VVFQNGRVKE HGTHQQLLAQ KGIYFSMVSV Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat: 100%, Sheep: 93% This is a rabbit polyclonal antibody against ABCB4. It was validated on Western Blot using a cell	
Sequence: Predicted Reactivity: Characteristics:	GRTCIVIAHR LSTIQNADLI VVFQNGRVKE HGTHQQLLAQ KGIYFSMVSV Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat: 100%, Sheep: 93% This is a rabbit polyclonal antibody against ABCB4. It was validated on Western Blot using a cell lysate as a positive control.	

Target Details

Alternative Name:	ABCB4 (ABCB4 Products)	
Background:	ABCB4, a membrane-associated protein, is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra cellular membranes. This protein is a member of the MDR/TAP subfamily. Member Alias Symbols: ABC21, GBD1, MDR2, MDR2/3, MDR3, PFIC-3, PGY3 Protein Interaction Partner: PIGY, TESK1, HAX1, Protein Size: 1279	
Molecular Weight:	141 kDa	
Gene ID:	5244	
NCBI Accession:	NM_000443, NP_000434	
UniProt:	P21439	
Pathways:	Regulation of Lipid Metabolism by PPARalpha	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 1279 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
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:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	



Western Blotting

Image 1. WB Suggested Anti-ABCB4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate ABCB4 is supported by BioGPS gene expression data to be expressed in HT1080

Western Blotting

Image 2. WB Suggested Anti-ABCB4

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: HT1080 cell lysate

ABCB4 is supported by BioGPS gene expression data to be expressed in HT1080