

Rabbit anti-Human ABCB4/MDR3 Polyclonal Antibody | anti-ABCB4 antibody

ABCB4/MDR3 Rabbit anti-Human Polyclonal (aa252-301) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162536	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

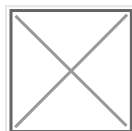
PRODUCT SYNONYMS

ABCB4/MDR3; Polyclonal Antibody; ABCB4/MDR3 Rabbit anti-Human Polyclonal (aa252-301) Antibody; IHC-plus ABCB4/MDR3 Antibody (aa252-301); ABCB4; ABC21; ICP3; GBD1; MDR3; MDR2; Multidrug resistance protein 3; Multiple drug resistance 3; P-glycoprotein 3; Pgy2; PGY3; PFIC-3; MDR2/3; anti-ABCB4 antibody

PRODUCT SPECIFICATIONS

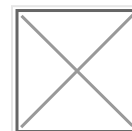
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human ABCB4
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-ABCB4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human ABCB4/MDR3
Immunogen	Synthetic peptide located between aa252-301 of human ABCB4 (A4D1D4, NP_000434). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Rabbit (100%); Galago, Panda, Opossum (92%); Bovine (85%).
Conjugation	Unconjugated
Epitope	aa252-301
Family	Transporter
Subfamily	ATP-binding cassette-ABCB/MDR
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ABCB4/MDR3 Antibody-Anti-ABCB4 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

ABCB4/MDR3 Antibody-ABCB4 antibody Western blot of 293T cell lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB4 antibody	MDR3 antibody is an unconjugated rabbit polyclonal antibody to MDR3 (ABCB4)(aa252-301) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. Cited in 2 publications.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9961250
NCBI GeneID	5244
NCBI Accession #	NP_061337.1
NCBI GenBank Nucleotide #	NM_018849
UniProt Accession #	P21439; Q14813; A0A2V7; A4D1D3; A4D1D4; A4D1D5; D6W5P3; D6W5P4
Molecular Weight	135,259 Da
NCBI Official Full Name	multidrug resistance protein 3 isoform B
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family B (MDR/TAP), member 4
NCBI Official Symbol	ABCB4
NCBI Official Synonym Symbols	GBD1; ICP3; MDR2; MDR3; PGY3; ABC21; MDR2/3; PFIC-3
NCBI Protein Information	multidrug resistance protein 3; P-glycoprotein 3; multiple drug resistance 3; ATP-binding cassette sub-family B member 4; P glycoprotein 3/multiple drug resistance 3; P-glycoprotein-3/multiple drug resistance-3
UniProt Protein Name	Multidrug resistance protein 3
UniProt Gene Name	ABCB4
UniProt Synonym Gene Names	MDR3; PGY3
UniProt Entry Name	MDR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.