

Rabbit MRP1 Polyclonal Antibody | anti-ABCC1 antibody

Anti-MRP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45040	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

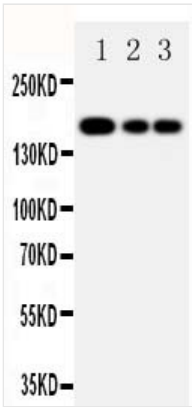
PRODUCT SYNONYMS

MRP1; Polyclonal Antibody; Anti-MRP1 antibody; Multidrug resistance-associated protein 1; ATP-binding cassette; sub-family C(CFTR/MRP); member 1; ABC 29 antibody; ABC29 antibody; ABCC 1 antibody; ABCC antibody; ABCC1 antibody; ATP binding cassette sub family C(CFTR/MRP) member 1 antibody; ATP binding cassette sub-family C member 1 antibody; ATP-binding cassette sub-family C member 1 antibody; DKFZp686N04233 antibody; DKFZp781G125 antibody; GS X antibody; GSX antibody; Leukotriene C(4) transporter antibody; LTC4 transporter antibody; MRP 1 antibody; MRP antibody; MRP1_HUMAN antibody; Multidrug resistance associated protein 1 antibody; Multidrug resistance protein antibody; Multidrug resistance-associated protein 1 antibody; Multiple drug resistance associated protein antibody; Multiple drug resistance protein 1 antibody; anti-ABCC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	1531
Applicable Applications for anti-ABCC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MRP1 (1514-1531aa, LLQQRGLFY SMAKDAGLV), different from the related rat and mouse sequences by one amino acid.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-MRP1 antibody, AAA45040, Western blottingLane 1: JURKAT Cell LysateLane 2: CEM Cell LysateLane 3: A549 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC1 antibody	ABCC1(ATP-BINDING CASSETTE, SUBFAMILY C, MEMBER 1), also called MRP1 or MRP, is a protein that in humans is encoded by the ABCC1 gene. The ABCC1 is a member of the superfamily of ATP-binding cassette(ABC) transporters. The ABCC1 is a plasma membrane drug-efflux pump.The ABCC1 gene is mapped to chromosome 16p13.1 by isotopic in situ hybridization. ABCC1 functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates and it also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Blocking ABCC1 efflux pumps increases the susceptibility of the cells to the toxic effects of unconjugated bilirubin, suggesting that ABCC1 is an important protector in this scenario. ABCC1 clears beta-amyloid from brains of mice and can be activated by thiethylperazine. And Chemotaxis assays show that ABCC1-mediated transport of S1P influenced mast-cell migration, but not mast-cell degranulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296439301
NCBI GeneID	4363
UniProt Accession #	P33527; O14819; O43333; P78419; Q59GI9; Q9UQ97; Q9UQ99; Q9UQA0; A3RJX2; C9JPJ4
NCBI Official Full Name	Multidrug resistance-associated protein 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
NCBI Official Symbol	ABCC1
NCBI Official Synonym Symbols	MRP; ABCC; GS-X; MRP1; ABC29
NCBI Protein Information	multidrug resistance-associated protein 1; LTC4 transporter; leukotriene C(4) transporter; ATP-binding cassette transporter variant ABCC1delta-ex13; ATP-binding cassette transporter variant ABCC1delta-ex25; ATP-binding cassette transporter variant ABCC1delta-ex13&14; ATP-binding cassette transporter variant ABCC1delta-ex25&26
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Gene Name	ABCC1
UniProt Synonym Gene Names	MRP; MRP1; LTC4 transporter
UniProt Entry Name	MRP1_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.