

Rabbit anti-Human MRP2 Polyclonal Antibody | anti-MRP2 antibody

MRP2 Polyclonal Antibody

CATALOG # AAA295266	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
-------------------------------	-----------------------	----------------------------	-------------------------------------

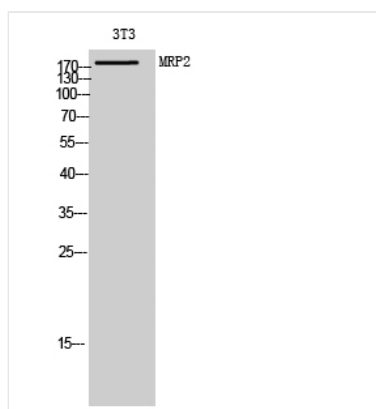
PRODUCT SYNONYMS

MRP2; Polyclonal Antibody; MRP2 Polyclonal Antibody; ABCC2; CMOAT; CMOAT1; CMRP; Canalicular multispecific organic anion transporter 1; ATP-binding cassette sub-family C member 2; Canalicular multidrug resistance protein; Multidrug resistance-associated protein 2; anti-MRP2 antibody

PRODUCT SPECIFICATIONS

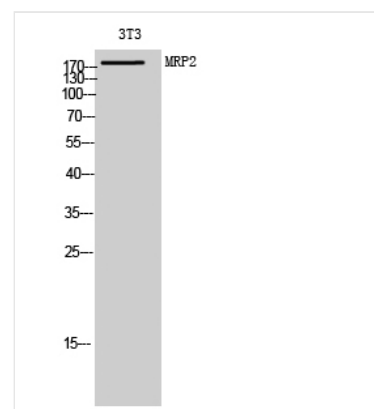
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-MRP2 antibody	WB (Western Blot)
Cellular Location	Apical cell membrane; Multi-pass membrane protein
Tissue Location	Expressed by polarized cells in liver, kidney and intestine. The highest expression is found in liver
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-MRP2 antibody	Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular cisplatin transporter. ATP-dependent transporter of the ATP-binding cassette (ABC) family that binds and hydrolyzes ATP to enable active transport of various substrates including many drugs, toxicants and endogenous compound across cell membranes. Transports a wide variety of conjugated organic anions such as sulfate-, glucuronide- and glutathione (GSH)- conjugates of endo- and xenobiotics substrates (PubMed:10220572, PubMed:10421658, PubMed:11500505, PubMed:16332456). Mediates hepatobiliary excretion of mono- and bis-glucuronidated bilirubin molecules and therefore play an important role in bilirubin detoxification (PubMed:10421658). Mediates also hepatobiliary excretion of others glucuronide conjugates such as 17beta-estradiol 17- glucosiduronic acid and leukotriene C4 (PubMed:11500505). Transports sulfated bile salt such as tauroolithocholate sulfate (PubMed:16332456). Transport various anticancer drugs, such as anthracycline, vinca alkaloid and methotrexate and HIV-drugs such as protease inhibitors (PubMed:10220572, PubMed:11500505, PubMed:12441801). Confers resistance to several anti-cancer drugs including cisplatin, doxorubicin, epirubicin, methotrexate, etoposide and vincristine.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557481
NCBI GeneID	1244
NCBI Accession #	NP_000383.1
NCBI GenBank Nucleotide #	NM_000392.3
UniProt Accession #	Q92887; Q14022; Q5T2B1; Q92500; Q92798; Q99663; Q9UMS2; B2RMT8
Molecular Weight	174,207 Da
NCBI Official Full Name	canalicular multispecific organic anion transporter 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 2
NCBI Official Symbol	ABCC2
NCBI Official Synonym Symbols	DJS; MRP2; cMRP; ABC30; CMOAT
NCBI Protein Information	canalicular multispecific organic anion transporter 1; canalicular multidrug resistance protein; multidrug resistance-associated protein 2; ATP-binding cassette sub-family C member 2
UniProt Protein Name	Canalicular multispecific organic anion transporter 1
UniProt Gene Name	ABCC2
UniProt Synonym Gene Names	CMOAT; CMOAT1; CMRP; MRP2
UniProt Entry Name	MRP2_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.