

Abcc2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12305

Product Information

Application	WB
Primary Accession	Q8VI47
Other Accession	NM_013806 , NP_038834
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	173671

Additional Information

Gene ID	12780
Alias Symbol	AI173996, Abc30, Cmoat, Mrp2, cMRP
Other Names	Canalicular multispecific organic anion transporter 1, ATP-binding cassette sub-family C member 2, Abcc2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Abcc2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Abcc2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Abcc2 {ECO:0000303 PubMed:16421286, ECO:0000312 MGI:MGI:1352447}
Function	ATP-dependent transporter of the ATP-binding cassette (ABC) family that hydrolyzes ATP to enable active transport of endogenous and xenobiotic substrates conjugated with glucuronate, glutathione or sulfate. Operates at apical membranes of polarized cells such as hepatocytes, renal and intestinal epithelial cells, where it mediates hepatobiliary and renal excretion of conjugated substrates preventing them from being recycled back into the bloodstream (By similarity). Involved in canalicular bile production. Mediates hepatobiliary excretion of mono- and bis-glucuronidated bilirubin, enabling bilirubin detoxification (By similarity). Involved in renal excretion and enterohepatic recirculation of steroid glucuronates. Displays low affinity but

high transporter velocity toward androgen conjugates such as testosterone and dihydrotestosterone glucuronates as well as toward estrogen conjugates including estradiol, estrone and estriol glucuronates (By similarity). May control the hepatobiliary and renal efflux of inflammatory leukotriene C4 (LTC4) and related cysteinyl leukotrienes (By similarity). Transports sulfated bile salt such as tauroolithocholate sulfate. It is functionally inactive toward androgen sulfates (By similarity). Transports various anticancer drugs, such as anthracycline, vinca alkaloid and methotrexate and HIV-drugs such as protease inhibitors (By similarity).

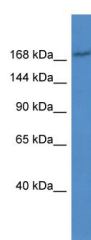
Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:Q92887}; Multi-pass membrane protein

Tissue Location

Expressed in liver..

Images



WB Suggested Anti-Abcc2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Spleen

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.