

## Product datasheet for **TA332082**

### MRP1 (ABCC1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ABCC1 Antibody: synthetic peptide directed towards the middle region of human ABCC1. Synthetic peptide located within the following region: LFISFLSIFLFMCNHVSALASNYWLSLWTDDEPIVNGTQEHTKVRLSVYGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	171 kDa
Gene Name:	ATP binding cassette subfamily C member 1
Database Link:	<a href="#">NP_004987</a> <a href="#">Entrez Gene 4363 Human</a> <a href="#">P33527</a>



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**Background:**

ABCC1 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra-and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternative splicing by exon deletion results in several splice variants but maintains the original open reading frame in all forms. The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra-and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternative splicing by exon deletion results in several splice variants but maintains the original open reading frame in all forms.

**Synonyms:**

ABC29; ABCC; GS-X; MRP; MRP1

**Note:**

Immunogen sequence homology: Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Rabbit: 93%; Horse: 92%; Rat: 85%; Guinea pig: 77%

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

ABC transporters

**Product images:**

WB Suggested Anti-ABCC1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Lung