

Product datasheet for **TA305869**

MRP1 (ABCC1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:0.05-0.2ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-HQSDLKVDENQKAYY, from the internal region of the protein sequence according to NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ATP binding cassette subfamily C member 1
Database Link:	NP_004987 Entrez Gene 17250 Mouse Entrez Gene 24565 Rat Entrez Gene 403453 Dog Entrez Gene 4363 Human P33527



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Background:

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. [provided by RefSeq]

Synonyms:

ABC29; ABCC; GS-X; MRP; MRP1

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

ABC transporters

Product images:

TA305869 (0.05ug/ml) staining of A549 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.