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**Product Name: MRP3 Rabbit Polyclonal Antibody****Catalog #: APRab14103**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:300
<b>Molecular Weight</b>	170kDa

**Antigen Information**

<b>Gene Name</b>	ABCC3
<b>Alternative Names</b>	ABCC3; CMOAT2; MLP2; MRP3; Canalicular multispecific organic anion transporter 2; ATP-binding cassette sub-family C member 3; Multi-specific organic anion transporter D; MOAT-D; Multidrug resistance-associated protein 3
<b>Gene ID</b>	8714.0
<b>SwissProt ID</b>	O15438
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ABCC3. AA range:971-1020

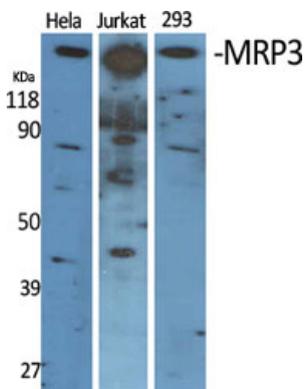
## Background

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 protein is a member of the MRP subfamily which is involved in multi-drug resistance. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008], alternative products: Additional isoforms seem to exist, function: May act as an inducible transporter in the biliary and intestinal excretion of organic anions. Acts as an alternative route for the export of bile acids and glucuronides from cholestatic hepatocytes., similarity: Belongs to the ABC transporter family., similarity: Belongs to the ABC transporter family. Conjugate transporter (TC 3.A.1.208) subfamily., similarity: Contains 2 ABC transmembrane type-1 domains., similarity: Contains 2 ABC transporter domains., tissue specificity: Mainly expressed in the liver. Also expressed in small intestine, colon, prostate, testis, brain and at a lower level in the kidney.,

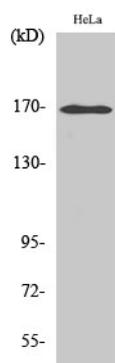
## Research Area

ABC transporters;

## Image Data



Western Blot analysis of various cells using MRP3 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of HepG2 cells using MRP3 Polyclonal Antibody diluted at 1:2000