



MRP3 rabbit pAb

Cat No.:ES2824

For research use only

Overview

Product Name	MRP3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human ABCC3. AA range:971-1020
Specificity	MRP3 Polyclonal Antibody detects endogenous levels of MRP3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Canalicular multispecific organic anion transporter 2
Gene Name	ABCC3
Cellular localization	Basolateral cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	170kD
Human Gene ID	8714
Human Swiss-Prot Number	O15438
Alternative Names	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
Background	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various



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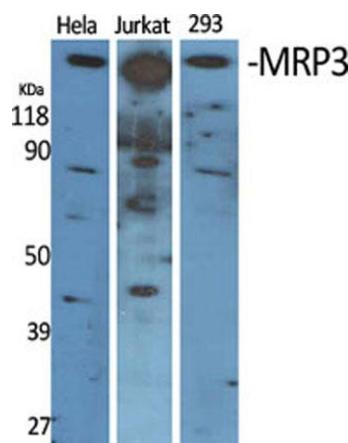
ELKbio@ELKbiotech.com

www.elkbiotech.com

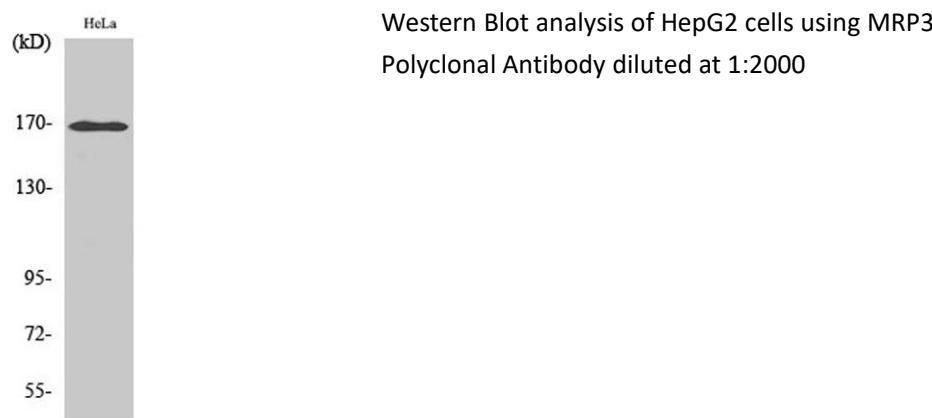
23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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],



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

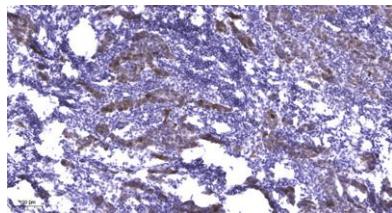


Western Blot analysis of HepG2 cells using MRP3 Polyclonal Antibody diluted at 1:2000





Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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ELKbio@ELKbiotech.com

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