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Rabbit Anti-MRP3 antibody

SL0656R

Product Name:	MRP3
Chinese Name:	多药耐药相关蛋白3抗体
Alias:	ABC 31; ABC31; ABCC 3; ABCC3; ATP binding cassette sub family C (CFTR/MRP) member 3; ATP binding cassette sub family C; ATP binding cassette sub family C member 3; Canalicular multispecific organic anion transporter 2; Canicular multispecific organic anion transporter; CMOAT 2; CMOAT2; EST90757; MLP 2; MLP2; MOAT D; MOATD; MRP 3; Multi specific organic anion transporter D; Multidrug resistance associated protein 3; Multidrug resistance associated protein; Multispecific organic anion tranporter D.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	190kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MRP3:1201-1300/1527<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MRP3 (Canalicular Multi Organic Anion Transporter 2 / Multidrug Resistance

	Associated Protein 3, cMOAT2) is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. The specific function of MRP3 has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. **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. **Subcellular Location:** Membrane; Multi-pass membrane protein. **Tissue Specificity:** Mainly expressed in the liver. Also expressed in small intestine, colon, prostate, testis, brain and at a lower level in the kidney. **Similarity:** Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily. Contains 2 ABC transmembrane type-1 domains. Contains 2 ABC transporter domains. **SWISS:** O15438 **Gene ID:** 8714 **Database links:** Entrez Gene: 8714Human Entrez Gene: 76408Mouse Entrez Gene: 140668Rat Omim: 604323Human SwissProt: O15438Human SwissProt: B2RX12Mouse SwissProt: O88563Rat Unigene: 463421Human Unigene: 23942Mouse

	Unigene: 205054Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. MRP3 (multidrug resistance protein 3)在正常epithelial cells：如；消化道，气管支气管，膀胱、肾上腺和睾丸组织中有不同的表达，在各种组织的基质细胞中也有程度不同的表达，在Tlymphocyte中表达较高，而原始造血Stem cells中则无表达。 MRP3又称ABCC3主要用于非PglycoproteinMDRTumour细胞系的Tumour耐药性的研究。 经研究发现MRP的同源性较高，他包括：MRP1、MRP2、MRP3、MRP4和MRP5、MRP6和MRP7，都有部分交叉同源。