



Rabbit Anti-MRP4/ABCC4 antibody

SL1422R

Product Name:	MRP4/ABCC4
Chinese Name:	多药耐药相关蛋白4抗体
Alias:	ABCC 4; ABCC4; ATP binding cassette sub family C (CFTR/MRP) member 4; ATP binding cassette sub family C member 4; bA464I2.1 (ATP binding cassette, sub-family C (CFTR/MRP) member 4); bA464I2.1; Canalicular multispecific organic anion transporter; Canalicular multispecific organic anion transporter ABC superfamily; EST170205; MOAT B; MOATB; MRP 4; MRP/cMOAT related ABC transporter; Multi specific organic anion transporter B; Multidrug resistance associated protein 4; OTTHUMP00000018560; MRP4_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Guinea Pig,
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:	149kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MRP4:751-880/1325
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:	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 cellular detoxification as a pump for its substrate, organic anions. Alternative splicing results in multiple splice variants encoding different isoforms. [provided by RefSeq, Jul 2008].

Function:

May be an organic anion pump relevant to cellular detoxification.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Tissue Specificity:

Widely expressed, with particularly high levels in prostate, but is barely detectable in liver.

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:

O15439

Gene ID:

10257

Database links:

[Entrez Gene: 10257](#)Human

[Entrez Gene: 239273](#)Mouse

[Omim: 605250](#)Human

[SwissProt: O15439](#)Human

[Unigene: 508423](#)Human

[Unigene: 40537](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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