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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.
Research Area	Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,GuineaPig)
Applications	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	149kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MRP4: 751-880/1325
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

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

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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