Product Name: ABCC12 Rabbit Polyclonal Antibody
Catalog #: APRab06409

Summary

Production Name	ABCC12 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ABCC12
Alternative Names	ABCC12; MRP9; Multidrug resistance-associated protein 9; ATP-binding cassette sub-family C member 12
Gene ID	94160.0
SwissProt ID	Q96J65.The antiserum was produced against synthesized peptide derived from human MRP9. AA range:691-740

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	170kD

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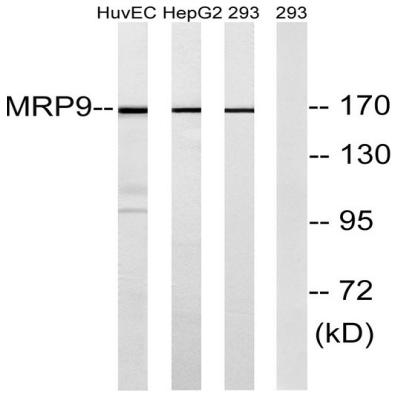
Background

This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two ATP-binding domains and 12 transmembrane regions. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies: ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White. This gene is a member of the MRP subfamily which is involved in multi-drug resistance. This gene and another subfamily member are arranged head-to-tail on chromosome 16q12.1. Increased expression of this gene is associated with breast cancer. [provided by RefSeq, Jul 2008],developmental stage:Expressed in fetal tissues.,function:Probable transporter.,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:Expressed in testis (at protein level). Widely expressed at low level. Isoform 5 is specifically expressed in brain, testis and breast cancer cells.,

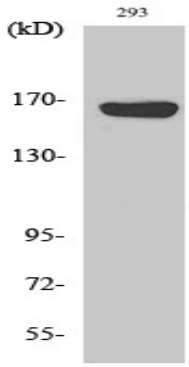
Research Area

ABC transporters;

Image Data



Western blot analysis of lysates from 293, HepG2, and HUVEC cells, using MRP9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ABCC12 Polyclonal Antibody diluted at 1： 500

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Note

For research use only.