

**ABCC12 Polyclonal Antibody**

<b>Catalog No :</b>	YT0047
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ABCC12
<b>Fields :</b>	>>ABC transporters
<b>Gene Name :</b>	ABCC12
<b>Protein Name :</b>	Multidrug resistance-associated protein 9
<b>Human Gene Id :</b>	94160
<b>Human Swiss Prot No :</b>	Q96J65
<b>Mouse Swiss Prot No :</b>	Q80WJ6
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human MRP9. AA range:691-740
<b>Specificity :</b>	ABCC12 Polyclonal Antibody detects endogenous levels of ABCC12 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 170kD

**Cell Pathway :** ABC transporters;

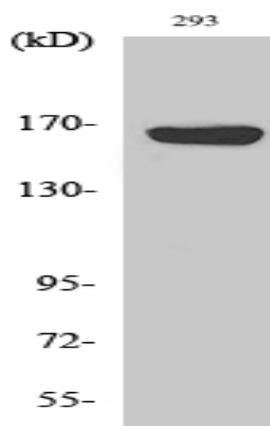
**Background :** This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two ATP-binding domains and 12 transmembrane regions. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven 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],

**Function :** 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.,

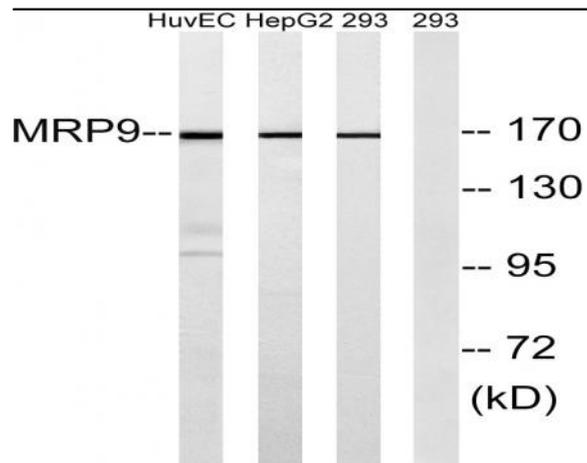
**Subcellular Location :** Endoplasmic reticulum membrane ; Multi-pass membrane protein .

**Expression :** Expressed in testis (at protein level). Widely expressed at low level (PubMed:11483364, PubMed:11688999, PubMed:12011458, PubMed:17472575). Isoform 5 is specifically expressed in brain, testis and breast cancer cells (PubMed:11483364, PubMed:11688999, PubMed:12011458).

## Products Images



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



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.