

ABCC10 Antibody (aa816-865)
Rabbit Polyclonal Antibody
Catalog # ALS16354**Specification**

ABCC10 Antibody (aa816-865) - Product Information

Application	WB
Primary Accession	Q5T3U5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	162kDa KDa

ABCC10 Antibody (aa816-865) - Additional Information**Gene ID** 89845**Other Names**

Multidrug resistance-associated protein 7, ATP-binding cassette sub-family C member 10, ABCC10, MRP7, SIMRP7

Target/Specificity

MRP7 Antibodyantibody detects endogenous levels of MRP7.

Reconstitution & Storage

Store at -20°C.

Precautions

ABCC10 Antibody (aa816-865) is for research use only and not for use in diagnostic or therapeutic procedures.

ABCC10 Antibody (aa816-865) - Protein Information**Name** ABCC10**Synonyms** MRP7, SIMRP7**Function**

ATP-dependent transporter of the ATP-binding cassette (ABC) family that actively extrudes physiological compounds, and xenobiotics from cells. Lipophilic anion transporter that mediates ATP-dependent transport of glucuronide conjugates such as estradiol-17-beta-o- glucuronide and GSH conjugates such as leukotriene C4 (LTC4) (PubMed:12527806, PubMed:15256465). May contribute to regulate the transport of organic compounds in testes across the blood-testis- barrier (Probable). Mediates multidrug resistance (MDR) in cancer cells by preventing the intracellular accumulation of certain antitumor drugs, such as, docetaxel and paclitaxel (PubMed:15256465, PubMed:15256465).

href="http://www.uniprot.org/citations/23087055" target="_blank">23087055). Does not transport glycocholic acid, taurocholic acid, MTX, folic acid, cAMP, or cGMP (PubMed:12527806).

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000255|PROSITE-ProRule:PRU00441, ECO:0000269|PubMed:12566991, ECO:0000269|PubMed:15256465}. Basolateral cell membrane; Multi-pass membrane protein. Basal cell membrane; Multi-pass membrane protein. Note=Localized to the basal membrane of Sertoli cells.

Tissue Location

In testis, localized to peritubular myoid cells, Leydig cells, along the basal membrane of Sertoli cells, moderately in the adluminal compartment of the seminiferous tubules, and in vascular endothelial cells. [Isoform 2]: Widely expressed.

Volume

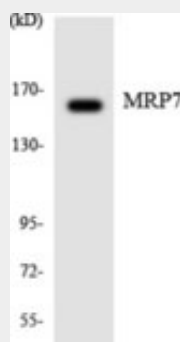
50 µl

ABCC10 Antibody (aa816-865) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ABCC10 Antibody (aa816-865) - Images



Western blot of the lysates from HepG2 cells using MRP7 antibody.

ABCC10 Antibody (aa816-865) - Background

ATP-dependent transporter probably involved in cellular detoxification through lipophilic anion extrusion.

ABCC10 Antibody (aa816-865) - References

Kao H.-H., et al. J. Biomed. Sci. 10:98-110(2003).

Hattori A.,et al.DNA Res. 7:357-366(2000).
Mungall A.J.,et al.Nature 425:805-811(2003).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Chen Z.-S.,et al.Mol. Pharmacol. 63:351-358(2003).