

Anti-ABCC10 Antibody (aa835-884)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18362

Specification

Anti-ABCC10 Antibody (aa835-884) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q5T3U5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	161629

Anti-ABCC10 Antibody (aa835-884) - Additional Information

Gene ID 89845

Alias Symbol **ABCC10**
Other Names
ABCC10, EST182763, Multidrug resistance protein 7, MRP7, SIMRP7

Target/Specificity

MRP7 Antibody detects endogenous levels of total MRP7 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-ABCC10 Antibody (aa835-884) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ABCC10 Antibody (aa835-884) - 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: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.

Anti-ABCC10 Antibody (aa835-884) - 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](#)

Anti-ABCC10 Antibody (aa835-884) - Images