

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

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

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, E           |
| Primary Accession | <a href="#">Q5T3U5</a> |
| 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:<a href="http://www.uniprot.org/citations/12527806" target="\_blank">12527806</a>, PubMed:<a href="http://www.uniprot.org/citations/15256465" target="\_blank">15256465</a>). 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:<a

href="http://www.uniprot.org/citations/15256465" target="\_blank">15256465</a>, PubMed:<a href="http://www.uniprot.org/citations/23087055" target="\_blank">23087055</a>). Does not transport glycocholic acid, taurocholic acid, MTX, folic acid, cAMP, or cGMP (PubMed:<a href="http://www.uniprot.org/citations/12527806" target="\_blank">12527806</a>).

#### **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**