

## Product datasheet for **AP01410PU-S**

### ABCC10 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/500-1/1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	MRP7 antibody detects endogenous levels of MRP7 protein. (region surrounding Glu865)
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 162 kDa
Gene Name:	ATP binding cassette subfamily C member 10
Database Link:	<a href="#">Entrez Gene 89845 Human</a> <a href="#">Q5T3U5</a>



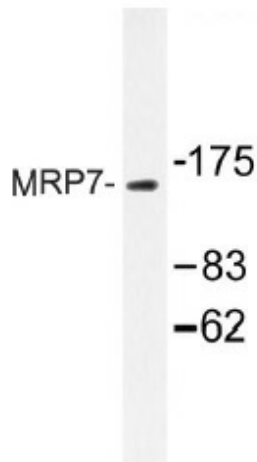
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**Background:**

The MRP family is represented by nine similar ABC transporters that have the ability to transport structurally diverse lipophilic anions and operate as chemical efflux pumps. MRP7 (multidrug resistance-associated protein 7, ATPbinding cassette sub-family C member 10) is a multi-pass membrane protein that belongs to the ABC transporter family (conjugate transporter subfamily). MRP7 is involved with the ATP-dependent transport of 17 $\beta$ -estradiol-D-17- $\beta$ -glucuronide (E217 $\beta$ G). MRP7 is also probably involved in cellular detoxification through its lipophilic anion extrusion capabilities. MRP7 contains two ABC transmembrane type 1 domains and two ABC transporter domains. MRP7 likely has three isoforms. Isoform 2 is the most widely expressed, while isoform 1 is predominately expressed in the spleen.

**Synonyms:**

Multidrug resistance-associated protein 7, SIMRP7

**Product images:**

Western blot (WB) analysis of MRP7 antibody (Cat.-No.: [AP01410PU-N]) in extracts from COLO cells.