

MRP2 Polyclonal antibody

Catalog Number: 18702-1-AP

Basic Information

Catalog Number:

18702-1-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC136419

GeneID (NCBI):

1244

UNIPROT ID:

Q92887

Full Name:

ATP-binding cassette, sub-family C (CFTR/MRP), member 2

Calculated MW:

174 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

ABCC2, also named as CMOAT, CMOAT1, CMRP and MRP2, is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABCC2 is a member of the MRP subfamily which is involved in multi-drug resistance. It is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. The substrates of ABCC2 include anticancer drugs such as vinblastine; therefore, it appears to contribute to drug resistance in mammalian cells. Several different mutations have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

