

CAB9528

Product Information

Product SKU:	CAB9528	Gene ID:	1244	Size:	20uL, 100uL
Clone No:	ARC1619	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	250kDa	Conjugate:	Unconjugated
Calculated MW:	174kDa	Isotype:	IgG

Immunogen Information

Background:	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	DJS; MRP2; cMRP; ABC30; CMOAT; MRP2/ABCC2
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1446-1545 of human MRP2/ABCC2 (Q92887).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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