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## anti-ABCC2 antibody (AA 180-315)





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Quantity:	100 μL	
Target:	ABCC2	
Binding Specificity:	AA 180-315	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ABCC2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 180-315 of human MRP2/ABCC2 (NP_000383.1).	
Sequence:	IFSAFSENNE SSNNPSSIAS FLSSITYSWY DSIILKGYKR PLTLEDVWEV DEEMKTKTLV SKFETHMKRE LQKARRALQR RQEKSSQQNS GARLPGLNKN QSQSQDALVL EDVEKKKKKS GTKKDVPKSW LMKALF	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

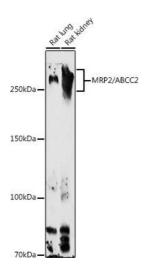
### Target Details

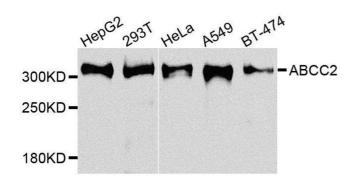
Target:	ABCC2	
Alternative Name:	ABCC2 (ABCC2 Products)	
Background:	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct 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.,ABCC2,ABC30,CMOAT,DJS,MRP2,cMRP,Cancer,Drug resistance,MRP-related proteins,Signal Transduction,Endocrine & Metabolism,ABCC2	
Molecular Weight:	174 kDa	
Gene ID:	1244	
UniProt:	Q92887	
Pathways:	Hormone Transport	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200	
Comment:	HIGH QUALITY	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**





#### **Western Blotting**

Image 1. Western blot analysis of extracts of various cell lines, using MRP2/ antibody (ABIN6129853, ABIN6136357, ABIN6136358 and ABIN6224455) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using ABCC2 antibody.