

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29261-1-AP	<b>GenBank-Zugangsnummer:</b> BC136419	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 1244	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000 IHC 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> ATP-binding cassette, sub-family C (CFTR/MRP), member 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 1545 aa, 174 kDa	
<b>Immunogen Katalognummer:</b> AG30944	<b>Beobachtete Masse:</b> 190-250 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human	<b>WB :</b> bei 37°C inkubierte A549-Zellen, bei 37°C inkubierte HepG2-Zellen
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	<b>IHC :</b> humanes Lebergewebe,

## Hintergrundinformationen

Multi-drug resistance protein 2 (MRP2), also known as ABCC2, is an ATP binding cassette (ABC) transporter responsible for biliary excretion of xenobiotics, endobiotics, and their metabolites. Deficiency in ABCC2 results in the clinical disorder Dubin-Johnson syndrome. MRP2 is found to be expressed in a variety of human cancers, and is associated with resistance of tumor cells to various anticancer drugs including cisplatin. The predicted molecular weight of MRP2 is 174 kDa, while mature MRP2 usually has a slower migration around 190-250 kDa due to the glycosylation. (16434545, 18834541, 23045960)

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

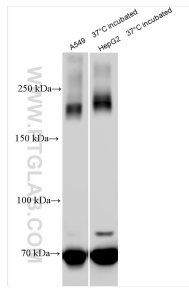
For technical support and original validation data for this product please contact:

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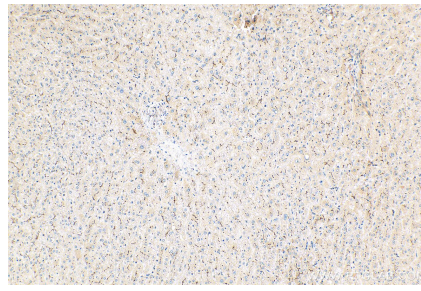
E: proteintech@ptglab.com  
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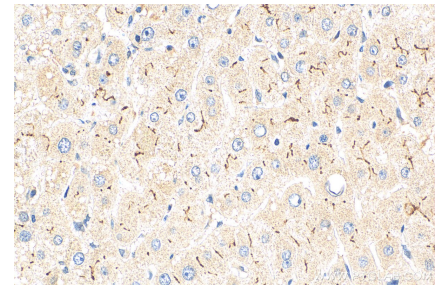
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29261-1-AP (ABCC2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 29261-1-AP (ABCC2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 29261-1-AP (ABCC2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).