

For Research Use Only

# ABCC10 Polyclonal antibody

Catalog Number:30697-1-AP



## Basic Information

<b>Catalog Number:</b> 30697-1-AP	<b>GenBank Accession Number:</b> NM_001198934.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 89845	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5T3U5	
<b>Isotype:</b> IgG	<b>Full Name:</b> ATP-binding cassette, sub-family C (CFTR/MRP), member 10	
<b>Immunogen Catalog Number:</b> AG33719	<b>Calculated MW:</b> 161kd	
	<b>Observed MW:</b> ~190 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, HeLa cells IHC : mouse liver tissue,
<b>Species Specificity:</b> Human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

The ATP binding cassette sub-family C member 10 (ABCC10), also named MRP7, is a cellular transmembrane protein transporter and belongs to the ATP-binding cassette (ABC) family. MRP7 is a lipophilic anion pump responsible for the transport of glucuronide E(2)17betaG and can confer resistance to chemotherapy drugs (PMID: 16868766). Since it is glycosylated, the apparent molecular weight of ABCC10 could be variable, ranging from 161 kDa to 191 kDa (PMID: 23087055; PMID: 24103790; PMID: 31338999; PMID: 34631561).

## 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

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

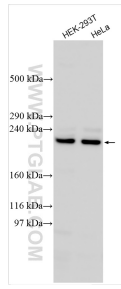
T: 4006900926

E: Proteintech-CN@ptglab.com

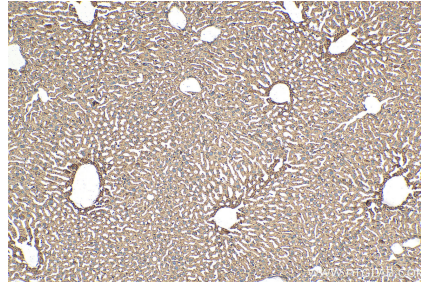
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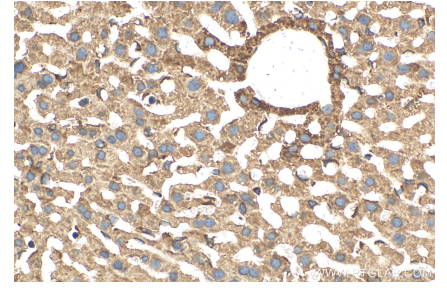
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30697-1-AP (ABCC10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30697-1-AP (ABCC10 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30697-1-AP (ABCC10 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).