

For Research Use Only

ABCC10 Polyclonal antibody

Catalog Number:30697-1-AP



Basic Information

Catalog Number: 30697-1-AP	GenBank Accession Number: NM_001198934.1	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 89845	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5T3U5	
Isotype: IgG	Full Name: ATP-binding cassette, sub-family C (CFTR/MRP), member 10	
Immunogen Catalog Number: AG33719	Calculated MW: 161kd	
	Observed MW: ~190 kDa	

Applications

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

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

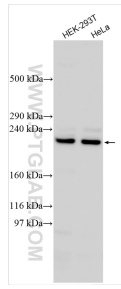
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

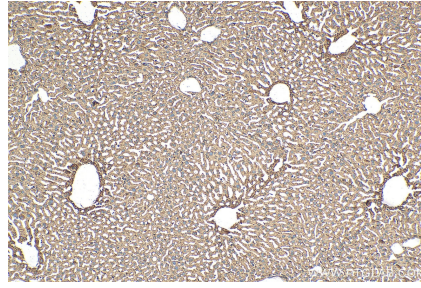
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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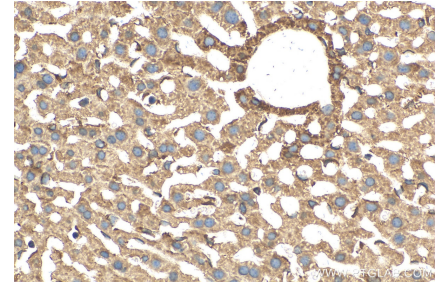
Selected Validation Data



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).