

For Research Use Only

BSEP Polyclonal antibody

Catalog Number: 18990-1-AP **4 Publications**



Basic Information

Catalog Number: 18990-1-AP	GenBank Accession Number: NM_003742	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8647	Recommended Dilutions: IHC 1:400-1:1600
Source: Rabbit	UNIPROT ID: O95342	
Isotype: IgG	Full Name: ATP-binding cassette, sub-family B (MDR/TAP), member 11	
	Calculated MW: 146 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse liver tissue,
Cited Applications: IHC	
Species Specificity: human, mouse	
Cited Species: 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

ABCB11, also named as BSEP, belongs to the ABC transporter superfamily. ABCB11 involved in the ATP-dependent secretion of bile salts into the canaliculus of hepatocytes. Mutation of ABCB11 will cause the progressive familial intrahepatic cholestasis type 2 (PFIC2) and the benign recurrent intrahepatic cholestasis type 2 (BRIC2). Genetic variations in ABCB11 may play a role in drug-induced cholestasis causing liver damage.

Notable Publications

Author	Pubmed ID	Journal	Application
Disi Bai	29722875	Toxicol Sci	
Shihong Zheng	33620063	Food Funct	
Jing Tao	35250844	Front Endocrinol (Lausanne)	IHC

Storage

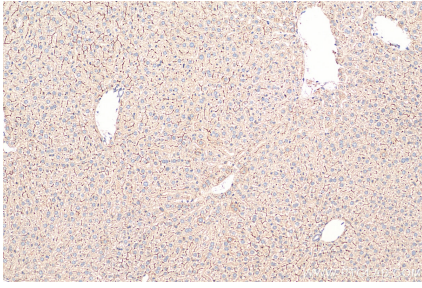
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

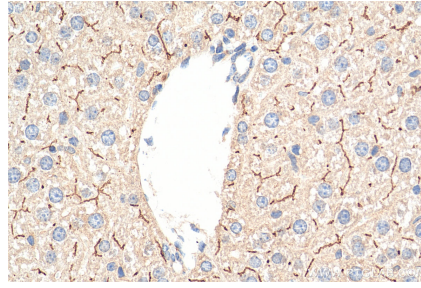
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 18990-1-AP (BSEP antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 18990-1-AP (BSEP antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).