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## anti-ABCB11 antibody (Internal Region)

3 Images



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Overview	
Quantity:	100 μL
Target:	ABCB11
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human BSEP. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to BSEP (ATP-binding cassette, sub-family B (MDR/TAP), member 11)  BSEP antibody [N3C1], Internal
Purification:	Affinity purified by Protein A.
Target Details	
Target:	ABCB11

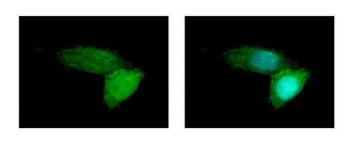
### **Target Details**

Target Details	
Alternative Name:	BSEP (ABCB11 Products)
Background:	The membrane-associated 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 MDR/TAP
	subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The
	protein encoded by this gene is the major canalicular bile salt export pump in man. Mutations in
	this gene cause a form of progressive familial intrahepatic cholestases which are a group of
	inherited disorders with severe cholestatic liver disease from early infancy.
	Cellular Localization: Membrane
Molecular Weight:	146 kDa
Gene ID:	8647
Application Details	
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal
	dilutions/concentrations should be determined by the researcher. Suggested
	dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-
	1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: Jurkat
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	9.01 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	-20 °C

Storage Comment:

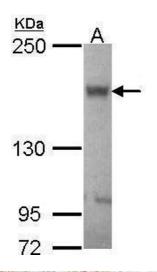
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

#### **Images**



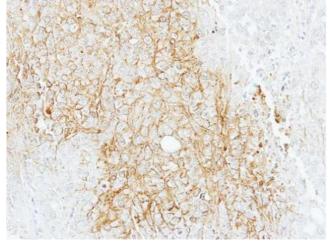
#### **Immunofluorescence**

**Image 1.** ICC/IF Image BSEP antibody [N3C1], Internal detects ABCB11 protein at membrane by immunofluorescent analysis. Sample: A431 cells were fixed in ice-cold MeOH for 5 min. Green: ABCB11 protein stained by BSEP antibody [N3C1], Internal, diluted at 1:500. Blue: Hoechst 33343 staining.



#### **Western Blotting**

Image 2. WB Image Sample (30 ug of whole cell lysate) A: JurKat 5% SDS PAGE antibody diluted at 1:1000



#### **Immunohistochemistry**

**Image 3.** IHC-P Image Immunohistochemical analysis of paraffin-embedded AGS xenograft, using BSEP, antibody at 1:100 dilution.