SunLong Biotech Co.,LTD
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Rabbit Anti-ABCB11 antibody

SLM-60429R

Product Name	ABCB11
Chinese Name	胆汁酸盐输出泵 Recombinant rabbit monoclonal anti
Alias	ABCBB_HUMAN; Bile salt export pump; BSEP; EC:7.6.2.-; ATP-binding cassette sub-family B member 11; PGY4; SPGP; ABC16; BRIC2; PFIC2; PFIC-2;
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	G8A8
React Species	Human(predicted:Mouse)
Applications	WB=1:500-1000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	146kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG
Purification	Affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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. [provided by RefSeq, Jul 2008]

Subcellular Location:
Membrane; Multi-pass membrane protein.

Tissue Specificity:
Expressed predominantly, if not exclusively in the liver, where it was further localized to the canalicular microvilli and to subcanalicular vesicles of the hepatocytes by in situ.

SWISS:
O95342

Gene ID:
8647

Database links:

Entrez Gene: 8647 Human

Entrez Gene: 27413 Mouse

SwissProt: O95342 Human

SwissProt: Q9QY30 Mouse

催化主要的疏水性胆汁盐（例如牛磺酸和甘氨酸缀合的胆酸）以 ATP 依赖性方式穿过肝细胞的小管膜，因此参与肝胆汁酸的稳态，因此通过调节胆汁脂质的分泌参与脂质的稳态 以胆汁盐依赖的方式。 牛磺酸结合的胆汁盐比甘氨酸结合的胆汁盐更快地运输。

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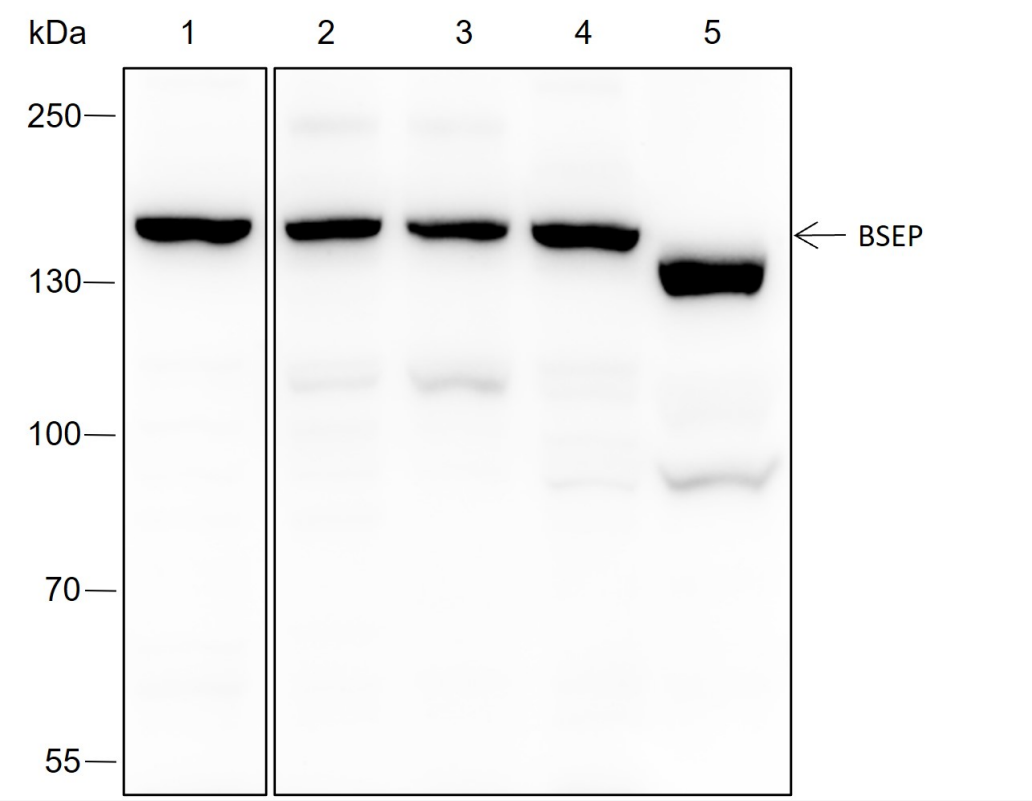
Product Picture



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: 1: Jurkat, 2: HepG2, 3: A549, 4: LNCaP, 5: Mouse liver

Protein loading quantity: 20 μg

Exposure time: 60 s

Predicted MW: 146 kDa

Observed MW: 146 kDa

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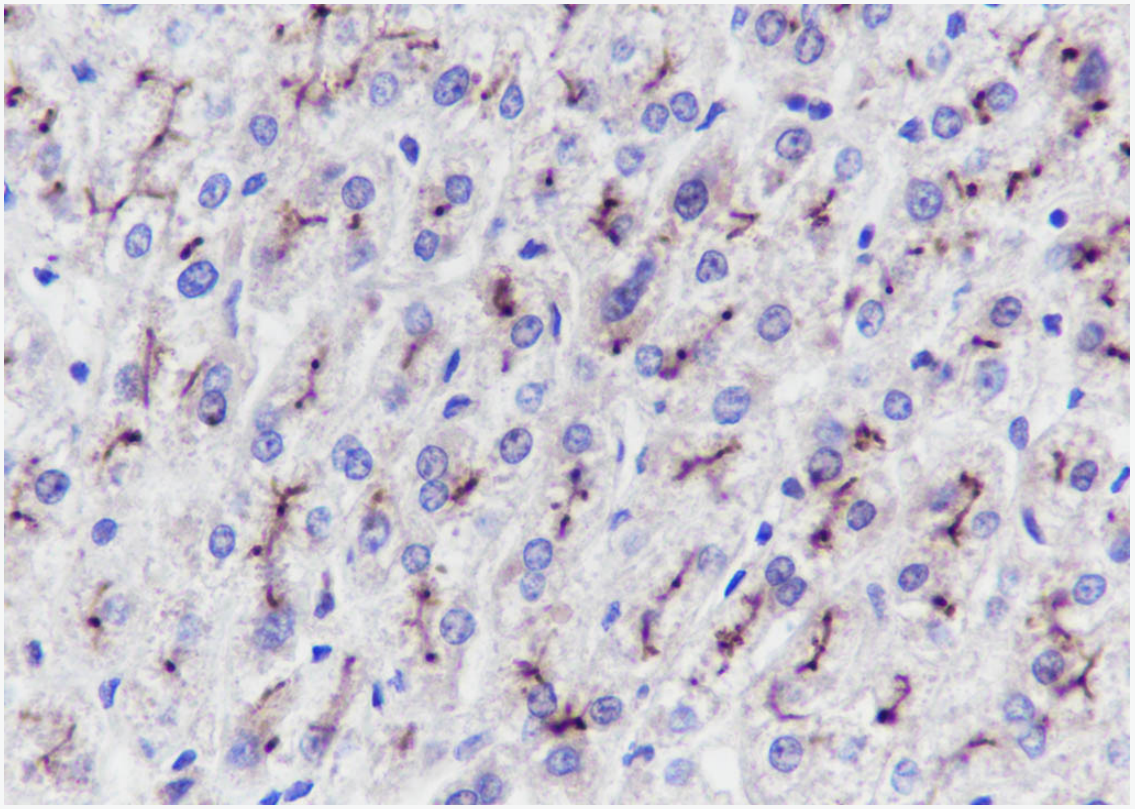

Tissue: Human liver

Section type: Formalin fixed & Paraffin -embedded section

Retrieval method: High temperature and high pressure

Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:500

Primary ab incubation condition: 1 hour at room temperature

Secondary ab: SP Kit(Rabbit) (sp-0023)

Counter stain: Hematoxylin (Blue)

Comment: Color brown is the positive signal for SLM-60429R