

# Product Datasheet

## ABCB11 Antibody - BSA Free NBP1-89319

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 6

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Updated 2/26/2026 v.20.1

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**NBP1-89319**

ABCB11 Antibody - BSA Free

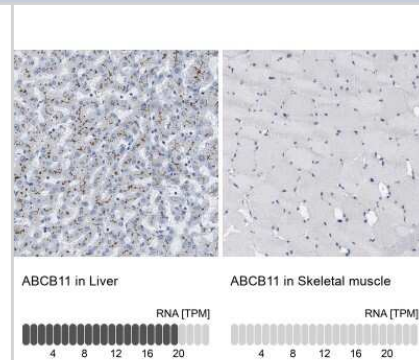
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit ABCB11 Antibody - BSA Free (NBP1-89319) is a polyclonal antibody validated for use in IHC. Anti-ABCB11 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8647
Gene Symbol	ABCB11
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RLSTVRAADTIIGFEHGTAVERGTHEELLERKGVYFTLVTLQSQGNQALNEEDIK DATEDDMLARTFSRGSYQDSL RASIRQRSKSQLSYLVHEPPLAVVDHKSTYEE DRKDKDIPVQEEVEPAPVRRILK

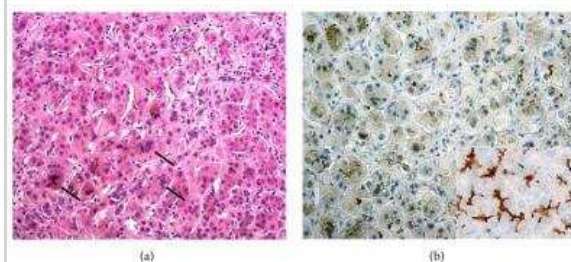
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

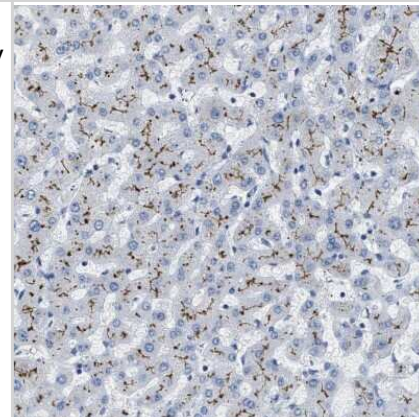
Immunohistochemistry-Paraffin: ABCB11 Antibody [NBP1-89319] - Staining in human liver and skeletal muscle tissues. Corresponding ABCB11 RNA-seq data are presented for the same tissues.



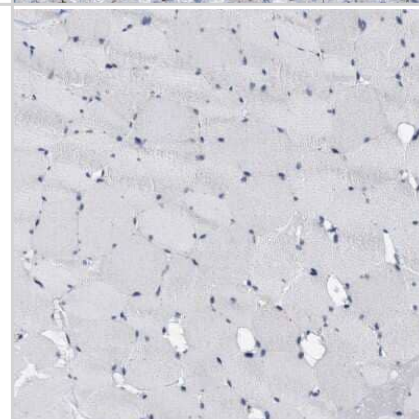
Immunohistochemistry: ABCB11 Antibody [NBP1-89319] - Histopathology of ABCB11 disease. (a) Giant-cell hepatitis (arrows) with hepatocanalicular cholestasis and (b) complete absence of ABCB11/BSEP protein are typical findings in PFIC2 patients. Inset: immunohistochemical positivity of BSEP in the apical (canalicular) domain of hepatocytes in a healthy control. (a) Hematoxylin and eosin, original magnification x200. (b, inset) Immunohistochemical staining with ABCB11 Rabbit Polyclonal Antibody (NBP1-89319, Novus Biologicals, USA), original magnification x200 (b), x400 (inset). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30148122>) licensed under a CC-BY license.



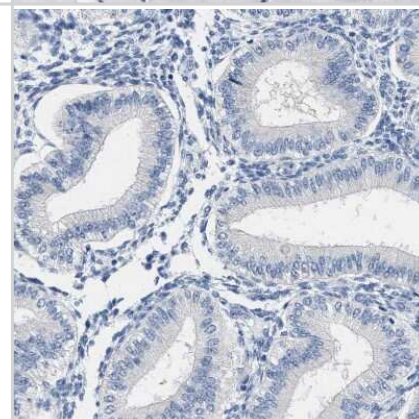
Immunohistochemistry-Paraffin: ABCB11 Antibody [NBP1-89319] - Staining of human liver shows moderate to strong membranous positivity in bile canaliculi.



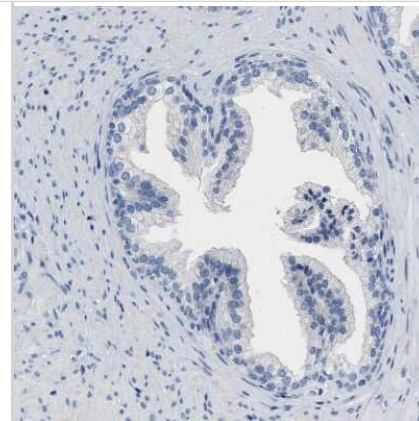
Immunohistochemistry-Paraffin: ABCB11 Antibody [NBP1-89319] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



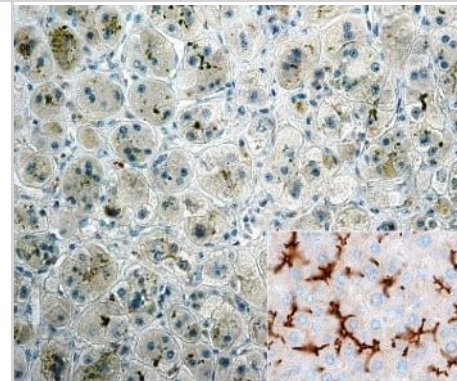
Immunohistochemistry-Paraffin: ABCB11 Antibody [NBP1-89319] - Staining of human endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: ABCB11 Antibody [NBP1-89319] - Staining of human prostate shows no positivity in glandular cells as expected.



Immunohistochemistry: ABCB11 Antibody [NBP1-89319] - Histopathology of ABCB11 disease. (a) Giant-cell hepatitis (arrows) with hepatocanalicular cholestasis & (b) complete absence of ABCB11/BSEP protein are typical findings in PFIC2 patients. Inset: immunohistochemical positivity of BSEP in the apical (canalicular) domain of hepatocytes in a healthy control. (a) Hematoxylin & eosin, original magnification x200. (b, inset) Immunohistochemical staining with ABCB11 Rabbit Polyclonal Antibody (NBP1-89319, Novus Biologicals, USA), original magnification x200 (b), x400 (inset). Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30148122>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



(b)

## Publications

Shearn CT, Anderson AL, Devereaux MW et Al. Overexpression of TNF $\alpha$  in TNF $\alpha$ ARE $\pm$  mice increases hepatic periportal inflammation and alters bile acid signaling in mice *Hepatology* 2024-12-01 [PMID: 39585296]

Sticova E, Jirsa M et al. New Insights in Genetic Cholestasis: From Molecular Mechanisms to Clinical Implications. *Can J Gastroenterol Hepatol* 2018-08-28 [PMID: 30148122] (IF/IHC, Human)

L H, E S, V Z et al. Progressive familial intrahepatic cholestasis in adulthood: 0 years' follow-up *Klin. Biochem. Metab.* 2020-01-01 (IF/IHC, Human)

Sticova E, Jirsa M, Pawlowska J. New Insights in Genetic Cholestasis: From Molecular Mechanisms to Clinical Implications. *Canadian Journal of Gastroenterology and Hepatology* 2018-07-26 [PMID: 30145122] (IF/IHC, Human)

Blackmore L, Knisely AS, Hartley JL et al. Polymorphisms in ABCB11 and ATP8B1 Associated with Development of Severe Intrahepatic Cholestasis in Hodgkin's Lymphoma. *Journal of Clinical and Experimental Hepatology.* 2012-01-01 [PMID: 25755490] (IF/IHC, Human)

Sambrotta M, Strautnieks S, Papouli E et al. Mutations in TJP2 cause progressive cholestatic liver disease. *Nat Genet* 2014-04-01 [PMID: 24614073]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-89319**

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NBP1-89319PEP	ABCB11 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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