



# Rabbit Anti Human ABCB11 polyclonal antibody (CABT-L1057)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	ABCB11
<b>Immunogen</b>	Synthetic peptide of human ABCB11. Sequence: CGAYYKLVTGSPIS; Swissprot: O95342.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat, Human, Mouse
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC
<b>Molecular Weight</b>	137,667 Da
<b>Format</b>	Liquid
<b>Concentration</b>	0.9mg/mL (lot specific)
<b>Size</b>	0.02 ml, 0.06 ml, 0.12 ml, 200 µl
<b>Buffer</b>	PBS, 50% glycerol, pH7.3
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20° C (regular) and -80° C (long term). Avoid freeze / thaw cycles.
<b>Ship</b>	Certain products may require to ship with dry ice and additional dry ice fee may apply.

# BACKGROUND

**Introduction**                      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.

**Keywords**                      ABCB11;ATP-binding cassette, sub-family B (MDR/TAP), member 11;bile salt export pump;BSEP;PFIC2;progressive familial intrahepatic cholestasis 2;bile salt export pump;ABC member 16;MDR/TAP subfamily;ABC16

# GENE INFORMATION

Gene Name	ABCB11
Entrez Gene ID	<a href="#">839353</a>
UniProt ID	<a href="#">Q9Y2D9</a>