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Datasheet for ABIN7127645 Recombinant anti-NPC1L1 antibody

Image



Overview

Quantity:	100 µL
Target:	NPC1L1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This NPC1L1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NPC1L1
Clone:	4B10
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

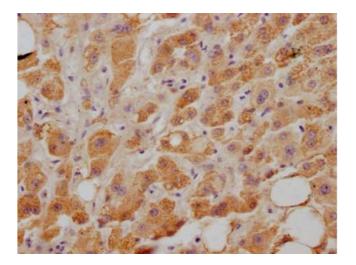
Target Details

Target:	NPC1L1
Alternative Name:	NPC1L1 (NPC1L1 Products)
Background:	Background: Plays a major role in cholesterol homeostasis. Is critical for the uptake of

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Target Details

	cholesterol across the plasma membrane of the intestinal enterocyte. Is the direct molecular
	target of ezetimibe, a drug that inhibits cholesterol absorption. Lack of activity leads to multiple
	lipid transport defects. The protein may have a function in the transport of multiple lipids and
	their homeostasis, and may play a critical role in regulating lipid metabolism. Acts as a negative
	regulator of NPC2 and down-regulates its expression and secretion by inhibiting its maturation
	and accelerating its degradation.
	Aliases: NPC1-like intracellular cholesterol transporter 1 (Niemann-Pick C1-like protein 1),
	NPC1L1
UniProt:	Q9UHC9
Application Details	
Application Notes:	Recommended dilution: IHC:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7127645 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.

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