

# Immunotag™ NPC1L1 Antibody

Antibody Specification	
Catalog No.	ITA8226
Product Description	Immunotag™ NPC1L1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NPC1L1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NPC1L1
Specificity	NPC1L1 Antibody detects endogenous levels of total NPC1L1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NPC1L1
Accession No.	Q9UHC9
Alternate Names	Niemann Pick C1 like protein 1; Niemann Pick disease type C1 gene like 1; Niemann-Pick C1-like protein 1; NPC1 LIKE 1; NPC1 Niemann Pick disease type C1 gene like 1; NPC1L1; NPC1L1 splice variant; NPCL1_HUMAN; Truncated Niemann Pick C1 like protein 1;

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Description	Plays a major role in cholesterol homeostasis. Is critical for the uptake of 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	149 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.