

# Anti-Niemann Pick C1 Like 1/NPC1L1 antibody ab121000

## 2 References

### 概述

#### 产品名称

Anti-Niemann Pick C1 Like 1/NPC1L1抗体

#### 描述

山羊多克隆抗体to Niemann Pick C1 Like 1/NPC1L1

① 该产品是 **快线抗体**，通过亲和纯化得到。对抗原肽有高灵敏度及特异性(ELISA测试)。

[Read the terms of use »](#)

#### 宿主

Goat

#### 种属反应性

预测可用于: Mouse, Rat, Rabbit, Human, Cynomolgus monkey, Chinese hamster 

#### 免疫原

Synthetic peptide corresponding to Mouse Niemann Pick C1 Like 1/NPC1L1 aa 50-150 (N terminal).

Database link: [NP\\_997125.2](#)

 [Run BLAST with](#)

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#### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

#### 形式

Liquid

#### 存放说明

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

#### 存储溶液

pH: 7.30

Preservative: 0.02% Sodium azide

Constituents: 99% Tris buffered saline, 0.5% BSA

#### 纯度

Immunogen affinity purified

#### 纯化说明

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

#### 克隆

多克隆

同种型

IgG

## 应用

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

### Fast track terms of use

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 147 kDa. A 1 hour primary incubation is recommended for this product. Preliminary experiments in Mouse and Rat Liver lysates gave no specific signal but low background (at antibody concentration up to 1 µg/ml). We would welcome your feedback if you have tested this antibody in more suitable positive controls.

## 靶标

功能	Play 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.
组织特异性	Widely expressed. Expressed in liver. Also expressed in small intestine, pancreas, kidney, lung, pancreas, spleen, heart, gall bladder, brain, testis, stomach and muscle.
序列相似性	Belongs to the patched family. Contains 1 SSD (sterol-sensing) domain.
翻译后修饰	Highly glycosylated.
细胞定位	Apical cell membrane. Cell membrane. Cytoplasmic vesicle membrane. Subfractionation of brush border membranes from proximal enterocytes suggests considerable association with the apical membrane fraction. Exists as a predominantly cell surface membrane expressed protein (By similarity). According to PubMed:15671032, localizes in a subcellular vesicular compartment rich in RAB5.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors