

# Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] ab124801

重组 RabMAb

★★★★★ [1 Abreviews](#) [8 References](#) [4 图像](#)

### 概述

产品名称	Anti-Niemann Pick C1 Like 1/NPC1L1抗体[EPR5717]
描述	兔单克隆抗体[EPR5717] to Niemann Pick C1 Like 1/NPC1L1
宿主	Rabbit
经测试应用	<b>适用于:</b> WB <b>不适用于:</b> ICC/IF or IHC-P
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human fetal liver and HeLa lysates; Human liver tissue.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR5717
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab124801 于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

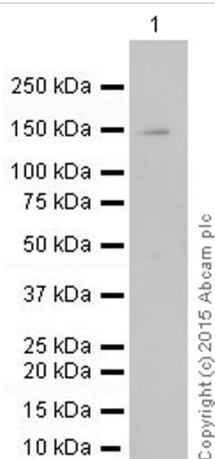
应用	Ab评论	说明
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 149 kDa (predicted molecular weight: 149 kDa).

**应用说明**      Is unsuitable for ICC/IF or IHC-P.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Widely expressed. Expressed in liver. Also expressed in small intestine, pancreas, kidney, lung, pancreas, spleen, heart, gall bladder, brain, testis, stomach and muscle.
<b>序列相似性</b>	Belongs to the patched family. Contains 1 SSD (sterol-sensing) domain.
<b>翻译后修饰</b>	Highly glycosylated.
<b>细胞定位</b>	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.

## 图片



Western blot - Anti-Niemann Pick C1 Like  
1/NPC1L1 antibody [EPR5717] (ab124801)

Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717]  
(ab124801) at 1/1000 dilution (purified) + HeLa whole cell lysate at  
10 µg

**Secondary**

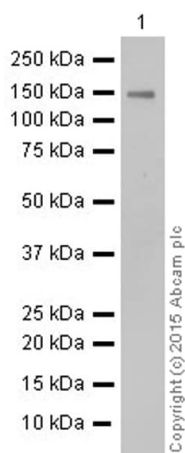
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 149 kDa

**Observed band size:** 149 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-Niemann Pick C1 Like  
1/NPC1L1 antibody [EPR5717] (ab124801)

Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717]  
(ab124801) at 1/10000 dilution (purified) + Human fetal liver tissue  
lysate at 10 µg

**Secondary**

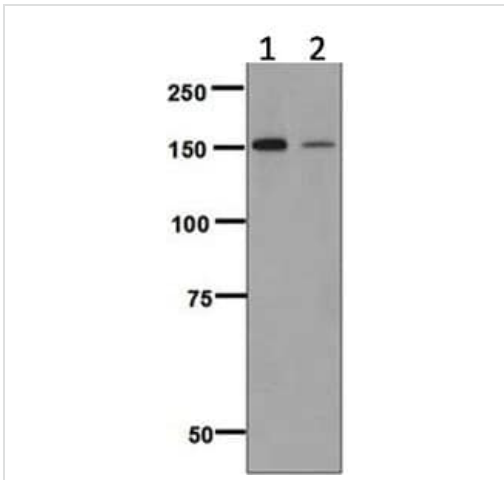
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 149 kDa

**Observed band size:** 149 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] (ab124801)

**All lanes :** Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] (ab124801) at 1/1000 dilution (unpurified)

**Lane 1 :** Human fetal liver lysates

**Lane 2 :** HeLa lysates





Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 149 kDa

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

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

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