

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

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **8 References** 画像数 4

製品の概要

製品名	Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717]
製品の詳細	Rabbit monoclonal [EPR5717] to Niemann Pick C1 Like 1/NPC1L1
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: ICC/IF or IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Human fetal liver and HeLa lysates; Human liver tissue.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR5717
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab124801の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

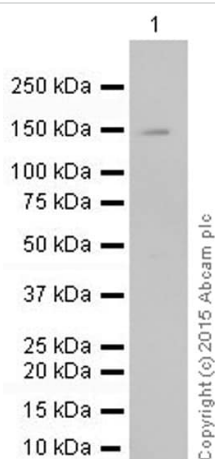
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 149 kDa (predicted molecular weight: 149 kDa).

追加情報 Is unsuitable for ICC/IF or IHC-P.

ターゲット情報

機能	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.
組織特異性	Widely expressed. Expressed in liver. Also expressed in small intestine, pancreas, kidney, lung, pancreas, spleen, heart, gall bladder, brain, testis, stomach and muscle.
配列類似性	Belongs to the patched family. Contains 1 SSD (sterol-sensing) domain.
翻訳後修飾	Highly glycosylated.
細胞内局在	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.

画像



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

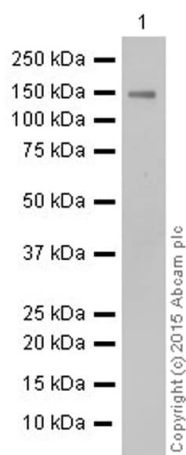
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

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

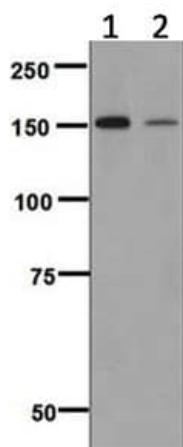
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Observed band size: 149 kDa

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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?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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

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

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