

Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] - BSA and Azide free ab248011

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5717] to Niemann Pick C1 Like 1/NPC1L1 - BSA and Azide free
由来種	Rabbit
アプリケーション	<p>適用あり: WB</p> <p>適用なし: ICC/IF or IHC-P</p>
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248011 is the carrier-free version of ab124801.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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</p>

these species. Please contact us for more information.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
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

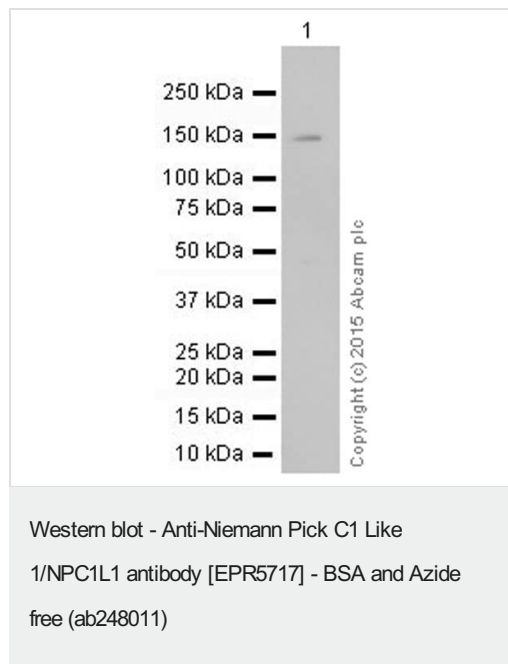
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab248011の使用に適用されます
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アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 149 kDa (predicted molecular weight: 149 kDa).

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.



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

Secondary

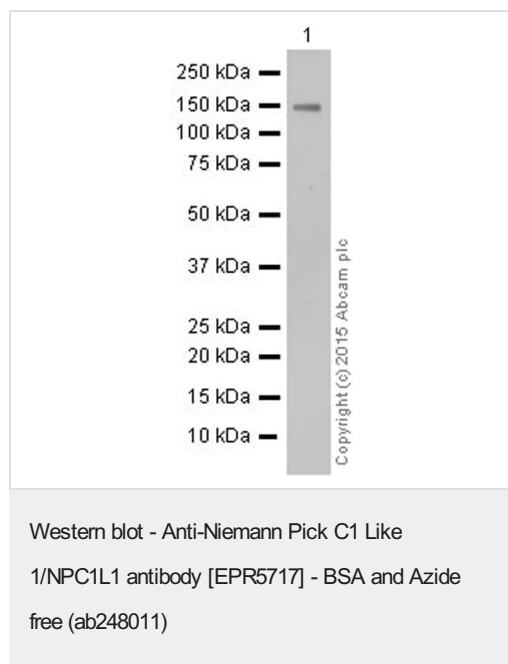
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 149 kDa

Observed band size: 149 kDa

This data was developed using [ab124801](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



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

Secondary

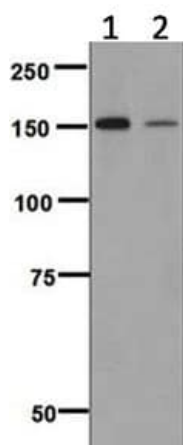
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 149 kDa

Observed band size: 149 kDa

This data was developed using [ab124801](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Niemann Pick C1 Like 1/NPC1L1 antibody [EPR5717] - BSA and Azide free (ab248011)

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

This data was developed using [ab124801](#), the same antibody clone in a different buffer formulation.

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

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

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