abcam

Product datasheet

Anti-Niemann Pick C1 antibody ab106534

1 References　画像数 2

製品の概要

製品名	Anti-Niemann Pick C1 antibody
製品の詳細	Rabbit polyclonal to Niemann Pick C1
由来種	Rabbit
特異性	Will not cross-react with NPC2
アプリケーション	**適用あり:** ICC/IF, IHC-P, WB
種交差性	**交差種:** Mouse, Human
免疫原	Synthetic peptide, 16 aa from near the carboxy terminus of human NPC1 (NP_000262).
ポジティブ・コントロール	WB: HepG2 cell lysate; Human kidney lysate.
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
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ab106534の使用に適用されます

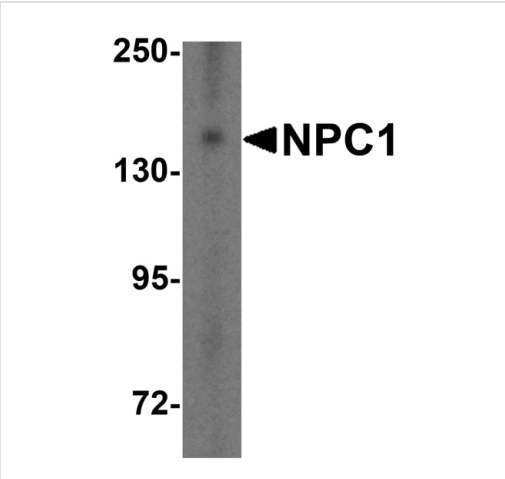
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 142 kDa.

ターゲット情報

機能	Involved in the intracellular trafficking of cholesterol. May play a role in vesicular trafficking in glia, a process that may be crucial for maintaining the structural and functional integrity of nerve terminals.
関連疾患	Defects in NPC1 are the cause of Niemann-Pick disease type C1 (NPDC1) [MIM:257220]. A lysosomal storage disorder that affects the viscera and the central nervous system. It is due to defective intracellular processing and transport of low-density lipoprotein derived cholesterol. It causes accumulation of cholesterol in lysosomes, with delayed induction of cholesterol homeostatic reactions. Niemann-Pick disease type C1 has a highly variable clinical phenotype. Clinical features include variable hepatosplenomegaly and severe progressive neurological dysfunction such as ataxia, dystonia and dementia. The age of onset can vary from infancy to late adulthood. An allelic variant of Niemann-Pick disease type C1 is found in people with Nova Scotia ancestry. Patients with the Nova Scotian clinical variant are less severely affected.
配列類似性	Belongs to the patched family. Contains 1 SSD (sterol-sensing) domain.
ドメイン	A cysteine-rich N-terminal domain and a C-terminal domain containing a di-leucine motif necessary for lysosomal targeting are critical for mobilization of cholesterol from lysosomes.
翻訳後修飾	Glycosylated.
細胞内局在	Late endosome membrane. Lysosome membrane.

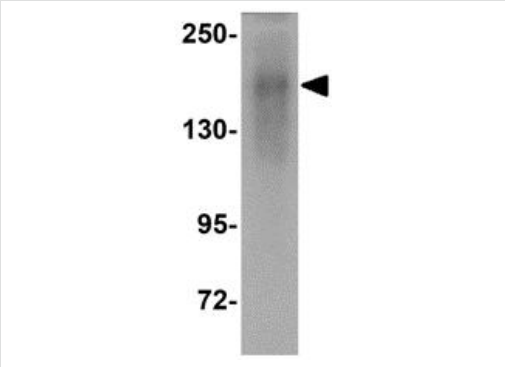
画像



Western blot - Anti-Niemann Pick C1 antibody (ab106534)

Anti-Niemann Pick C1 antibody (ab106534) at 1 µg/ml + HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

Predicted band size: 142 kDa



Western blot - Anti-Niemann Pick C1 antibody (ab106534)

Anti-Niemann Pick C1 antibody (ab106534) at 1 µg/ml + Human kidney tissue lysate at 15 µg

Predicted band size: 142 kDa

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