abcam

Product datasheet

Anti-PHYH antibody ab118195

画像数 2

医薬用外毒物

製品の概要

製品名	Anti-PHYH antibody
製品の詳細	Rabbit polyclonal to PHYH
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat
免疫原	Recombinant fragment, corresponding to amino acids 34-321 of Human PHYH (BC029512).
ポジティブ・コントロール	Human fetal kidney and liver lysates; Human breast carcinoma tissue
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	Lyophilized:Reconstitute in 200µl sterile water
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA
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ab118195の使用に適用されます**

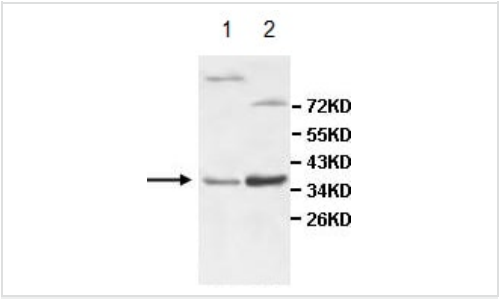
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 39 kDa.
IHC-P		1/100 - 1/500.

ターゲット情報

機能	Converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA.
組織特異性	Expressed in liver, kidney, and T-cells, but not in spleen, brain, heart, lung and skeletal muscle.
パスウェイ	Lipid metabolism; fatty acid metabolism.
関連疾患	Defects in PHYH are a cause of Refsum disease (RD) [MIM:266500]. RD is an autosomal recessive disorder characterized clinically by a tetrad of abnormalities: retinitis pigmentosa, peripheral neuropathy, cerebellar ataxia, and elevated protein levels in the cerebrospinal fluid (CSF). Patients exhibit accumulation of the branched-chain fatty acid, phytanic acid, in blood and tissues. Less constant features are nerve deafness, anosmia, skeletal abnormalities, ichthyosis, cataracts and cardiac impairment. Manifestations of the disease appear in the second or third decade of life.
配列類似性	Belongs to the PhyH family.
細胞内局在	Peroxisome.

画像



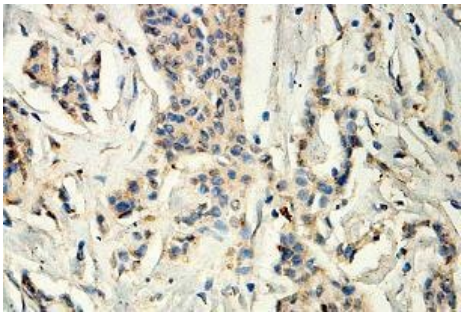
Western blot - Anti-PHYH antibody (ab118195)

All lanes : Anti-PHYH antibody (ab118195) at 1/500 dilution

Lane 1 : Human fetal kidney lysate

Lane 2 : Human fetal liver lysate

Predicted band size: 39 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PHYH antibody (ab118195)

ab118195, at 1/100 dilution, staining PHYH in formalin-fixed, paraffin-embedded Human breast carcinoma tissue showing cytoplasmic staining, by Immunohistochemistry.

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

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