abcam

Product datasheet

Anti-ATP5D antibody [4D11] ab174438

画像数 1

製品の概要

製品名	Anti-ATP5D antibody [4D11]
製品の詳細	Mouse monoclonal [4D11] to ATP5D
由来種	Mouse
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Mouse, Rat, Cow
免疫原	Tissue, cells or virus. This information is considered to be commercially sensitive.
ポジティブ・コントロール	Rat and mouse heart and liver homogenates, rat H4IIE lysate and mouse MEF cell lysate.
特記事項	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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 Product was previously marketed under the MitoSciences sub-brand.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: 99.9% HEPES buffered saline
ポリ/モノ	モノクローナル
クローン名	4D11
アイソタイプ	IgG1
軽鎖の種類	kappa

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ab174438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		Use a concentration of 1 µg/ml. Predicted molecular weight: 17 kDa.

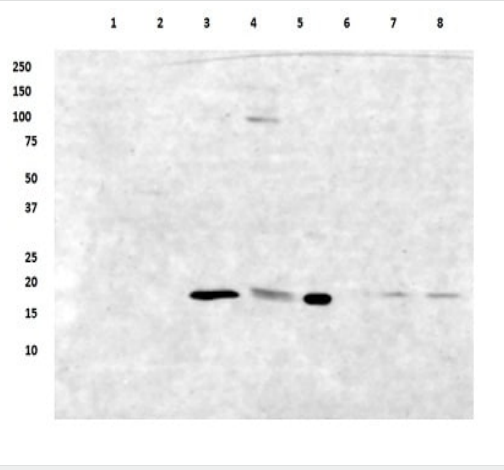
ターゲット情報

機能 Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(1) domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.

配列類似性 Belongs to the ATPase epsilon chain family.

細胞内局在 Mitochondrion. Mitochondrion inner membrane.

画像



Western blot - Anti-ATP5D antibody [4D11] (ab174438)

All lanes : Anti-ATP5D antibody [4D11] (ab174438) at 1 µg/ml (5% milk PBST)

Lane 1 : Human Heart Homogenate at 10 µg
Lane 2 : Human Liver Homogenate at 10 µg
Lane 3 : Rat Liver Homogenate at 10 µg
Lane 4 : Mouse Liver Homogenate at 10 µg
Lane 5 : Bovine Heart Homogenate at 10 µg
Lane 6 : Human HepG2 cell lysate at 20 µg
Lane 7 : Rat H4IIE cell lysate at 20 µg
Lane 8 : Mouse MEF cell lysate at 20 µg

Secondary
All lanes : Goat anti Mouse IR700 in 5% milk/PBST at 1/5000 dilution

Predicted band size: 17 kDa

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

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