

Product datasheet

Anti-PEX11B antibody ab74507

★★★★☆ 4 Abreviews 4 References 画像数 3

製品の概要

製品名	Anti-PEX11B antibody
製品の詳細	Rabbit polyclonal to PEX11B
由来種	Rabbit
特異性	ab74507 detects endogenous levels of total PEX11B protein.
アプリケーション	適用あり: ICC/IF, IHC-P, WB, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat ▲
免疫原	Synthesized peptide derived from an internal region of human PEX11B.
ポジティブ・コントロール	Extracts from COLO cells, Jurkat cells, HUVEC cells and COS-7 cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
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

Our [Abpromise guarantee](#) covers the use of **ab74507** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

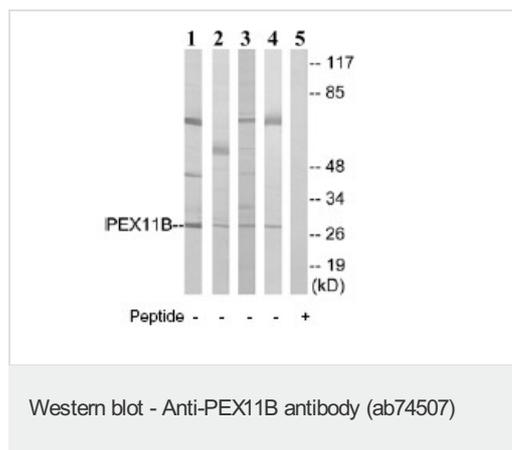
アプリケーション	Abreviews	特記事項
ICC/IF	★★★★☆	Use a concentration of 5 µg/ml.

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB	★★★★☆	1/500 - 1/1000. Predicted molecular weight: 28 kDa.
ELISA		1/10000.

ターゲット情報

機能	Involved in peroxisomal proliferation. May regulate peroxisomes division by recruiting the dynamin-related GTPase DNM1L to the peroxisomal membrane.
配列類似性	Belongs to the peroxin-11 family.
細胞内局在	Peroxisome membrane.

画像



All lanes : Anti-PEX11B antibody (ab74507)
at 1/500 dilution

Lane 1 : extracts from COLO cells

Lane 2 : extracts from Jurkat
cells

Lane 3 : extracts from HUVEC cells

Lane 4 : extracts from COS-7 cells

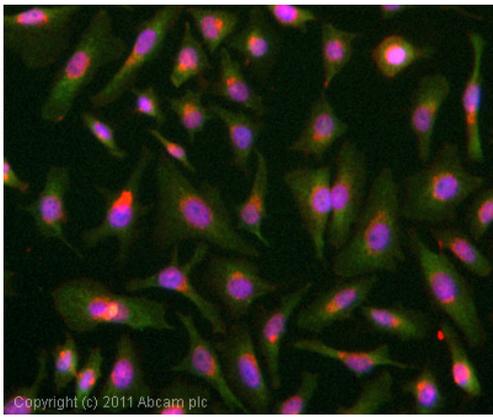
Lane 5 : extracts from COLO cells with
immunising peptide at 10 µg

Lysates/proteins at 10 µg per lane.

Predicted band size: 28 kDa

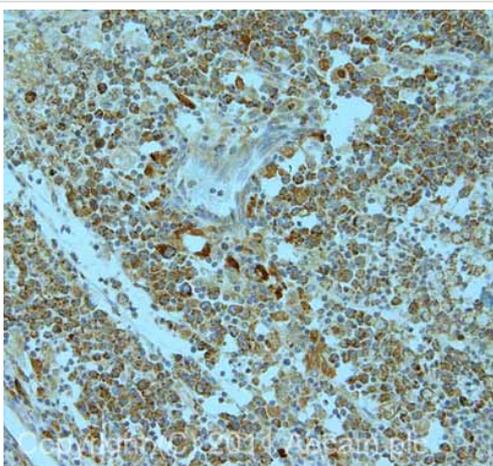
Observed band size: 28 kDa

Additional bands at: 48 kDa, 55 kDa, 75
kDa. We are unsure as to the identity of these
extra bands.



Immunocytochemistry/ Immunofluorescence - Anti-PEX11B antibody (ab74507)

ICC/IF image of ab74507 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab74507, 5µg/ml) overnight at +4°C. The secondary antibody (green) was ab96899, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PEX11B antibody (ab74507)

IHC image of ab74507 staining in human normal colon formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with EDTA (pH9, epitope retrieval solution 2) for 20 mins. The section was then incubated with ab74507, 10µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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