

Product datasheet

Anti-Apolipoprotein A II antibody ab24241

1 References [画像数 2](#)

製品の概要

製品名	Anti-Apolipoprotein A II antibody
製品の詳細	Rabbit polyclonal to Apolipoprotein A II
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA, Conjugation, ICC/IF, IHC-P
種交差性	交差種: Human
免疫原	Purified human Apolipoprotein A II.
ポジティブ・コントロール	IF/ICC: HepG2 cell line. IHC-P: Liver FFPE tissue sections.

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 repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 75mM PBS, 75mM Sodium chloride, pH 7.2
精製度	Immunogen affinity purified
特記事項 (精製)	Human Apo All Sepharose affinity column
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 **ab24241** in the following tested applications.

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

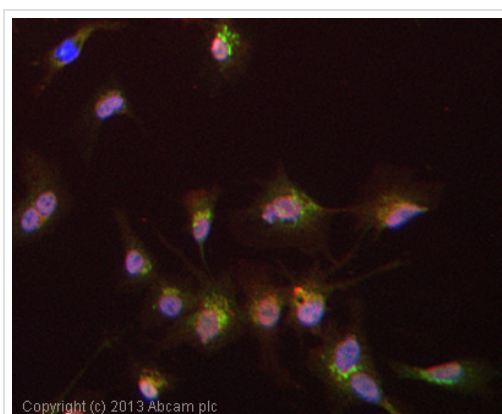
アプリケーション	Abreviews	特記事項
WB		1/5000 - 1/40000. Predicted molecular weight: 11 kDa.
ELISA		1/5000 - 1/40000.

アプリケーション	Abreviews	特記事項
Conjugation		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 1 µg/ml.
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

ターゲット情報

機能	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
組織特異性	Plasma; synthesized in the liver and intestine.
配列類似性	Belongs to the apolipoprotein A2 family.
翻訳後修飾	Phosphorylation sites are present in the extracellular medium.
細胞内局在	Secreted.

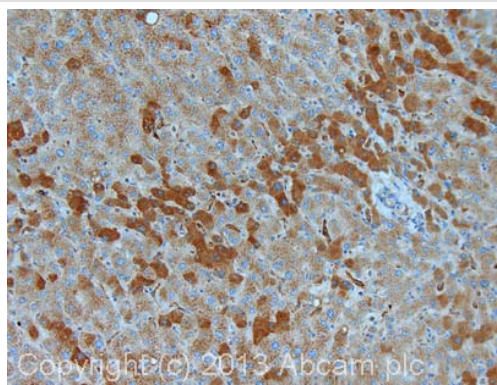
画像



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Immunocytochemistry/ Immunofluorescence - Anti-Apolipoprotein A II antibody (ab24241)

ICC/IF image of ab24241 stained HepG2 cells. The cells were 4% paraformaldehyde 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 (ab24241, 1 µg/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-Apolipoprotein A II antibody (ab24241)

IHC image of Apolipoprotein A II staining in human liver 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 sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab24241, 1µg/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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