

Product datasheet

Anti-ALR antibody ab36376

画像数 2

製品の概要

製品名	Anti-ALR antibody
製品の詳細	Rabbit polyclonal to ALR
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Xenopus laevis 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 150 to the C-terminus of Human ALR.Immunogen の所有権に関して(Peptide available as ab36485 .)
ポジティブ・コントロール	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <p style="margin: 0;">ウエスタン・プロット用ポジティブコントロール Recombinant Human ALR protein ></p> </div> <p>Recombinant Human ALR protein (ab114811) can be used as a positive control in WB. This antibody gave a positive signal in mouse liver and mouse testis tissue lysates.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, 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 **ab36376** in the following tested applications.

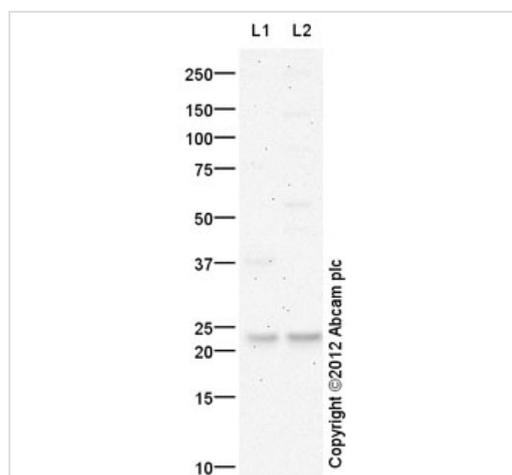
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 23 kDa (predicted molecular weight: 23 kDa).
ICC/IF		Use a concentration of 1 µg/ml.

ターゲット情報

機能	Isoform 1: FAD-dependent sulfhydryl oxidase. Within the mitochondrial intermembrane space, participates in a chain of disulfide exchange reactions with MIA40, that generate disulfide bonds in a number of resident proteins with twin Cx3C and Cx9C motifs. Isoform 2: May act as an autocrine hepatotrophic growth factor promoting liver regeneration.
組織特異性	Ubiquitously expressed. Highest expression in the testis and liver and low expression in the muscle.
関連疾患	Defects in GFER are a cause of mitochondrial progressive myopathy with congenital cataract hearing loss and developmental delay (MPMCHD) [MIM:613076]; also called combined mitochondrial complex deficiency.
配列類似性	Contains 1 ERV/ALR sulfhydryl oxidase domain.
細胞内局在	Mitochondrion intermembrane space and Cytoplasm. Secreted.

画像



Western blot - Anti-ALR antibody (ab36376)

All lanes : Anti-ALR antibody (ab36376) at 1 µg/ml

Lane 1 : Liver (Mouse) Tissue Lysate

Lane 2 : Testis (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

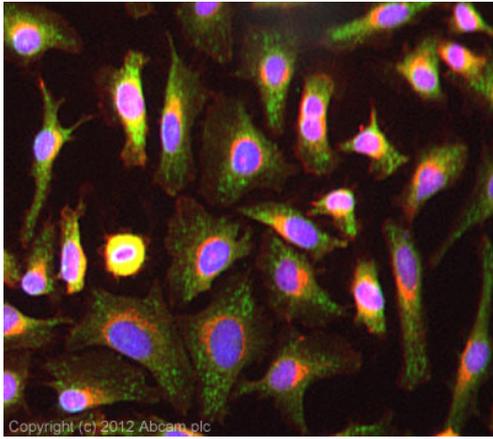
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa

Abcam recommends using milk as the blocking agent. Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.



Immunocytochemistry/ Immunofluorescence - Anti-ALR antibody (ab36376)

ICC/IF image of ab36376 stained HeLa cells. The cells were 100% methanol fixed (5 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 (ab36376, 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. This antibody also gave a positive result in 4% PFA fixed (10 min) HepG2 and MCF7 cells at 5µg/ml, and in 100% methanol fixed (5 min) MCF7 cells at 5µg/ml.

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