

Product datasheet

Anti-Id1 antibody ab52998

1 References [画像数 2](#)

製品の概要

製品名	Anti-Id1 antibody
製品の詳細	Rabbit polyclonal to Id1
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, Cow 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 100 to the C-terminus Id1. Immunogen の所有権に関して (Peptide available as ab86654 .)
ポジティブ・コントロール	This antibody gave a positive signal in the following lysates: HepG2 Whole Cell, Mouse Pancreas Tissue, Mouse Liver Tissue. This antibody gave a positive result when used in the following formaldehyde fixed cell lines: HepG2.

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 **ab52998** in the following tested applications.

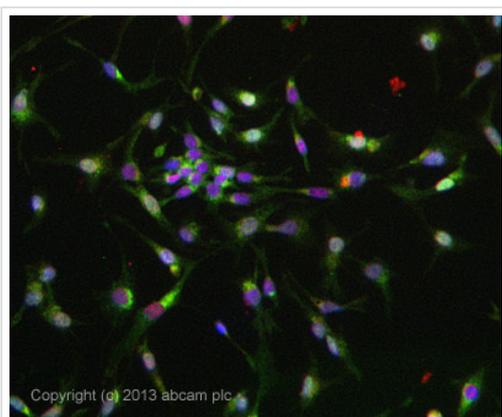
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 22 kDa (predicted molecular weight: 16 kDa).
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

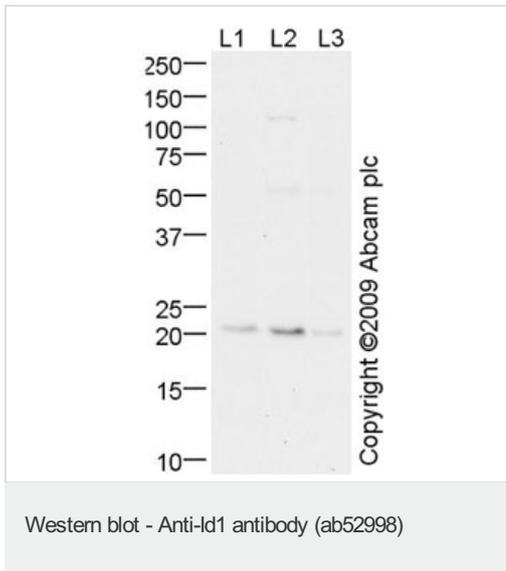
機能	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding.
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
発生段階	Expression correlates with proliferation in some types of cells.
細胞内局在	Cytoplasm. Nucleus.

画像



Immunocytochemistry/ Immunofluorescence - Anti-Id1 antibody (ab52998)

ICC/IF image of ab52998 stained HepG2 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 ab52998 at 10µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit ([ab96899](#)) 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.



All lanes : Anti-Id1 antibody (ab52998) at 1 µg/ml

Lane 1 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 2 : Pancreas (Mouse) Tissue Lysate

Lane 3 : Liver (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 16 kDa

Observed band size: 22 kDa

The 22 kDa band observed is comparable to the molecular weight seen with other commercially available antibodies to Id1.

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