

Product datasheet

Anti-Cathepsin L antibody ab95154

画像数 1

製品の概要

製品名	Anti-Cathepsin L antibody
製品の詳細	Rabbit polyclonal to Cathepsin L
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human Cathepsin L. Immunogen の所有権に関して (Peptide available as ab109646 .)
ポジティブ・コントロール	This antibody gave a positive signal in both HeLa and HCT116 whole cell lysates.

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 **ab95154** in the following tested applications.

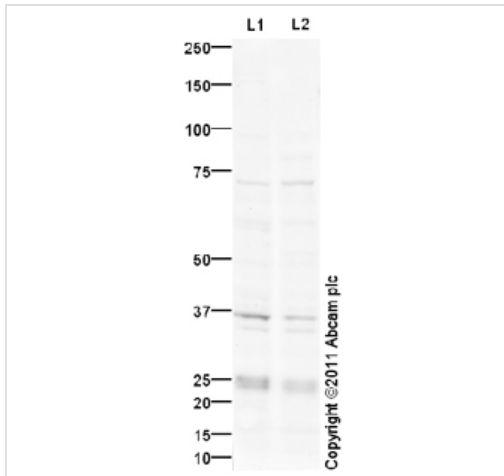
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 37, 25 kDa (predicted molecular weight: 37 kDa).

ターゲット情報

機能	Important for the overall degradation of proteins in lysosomes.
配列類似性	Belongs to the peptidase C1 family.
細胞内局在	Lysosome.

画像



Western blot - Anti-Cathepsin L antibody (ab95154)

All lanes : Anti-Cathepsin L antibody (ab95154) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : HCT 116 (Human Colorectal Carcinoma) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 37 kDa

Observed band size: 37 kDa

Additional bands at: 25 kDa (possible cleavage fragment), 35 kDa (possible cleavage fragment), 71 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 12 minutes

The bands observed at 35 + 25 kDa could potentially be cleaved forms of Cathepsin L due to the presence of both a 17 amino acid signal peptide and a 96 amino acid activation peptide. This suggests that both the pre and mature form are observed in this blot.

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