

## Product datasheet

# Anti-TRAIL antibody ab42243

画像数 2

### 製品の概要

製品名	Anti-TRAIL antibody
製品の詳細	Rabbit polyclonal to TRAIL
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB <b>適用なし:</b> ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide derived from within residues 50 - 150 of Human TRAIL. Immunogen の所有権に関して (Peptide available as <a href="#">ab42242</a> .)
ポジティブ・コントロール	This antibody gave a positive signal in the following whole cell lysate: A549 (Human lung adenocarcinoma epithelial cell line);

### 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

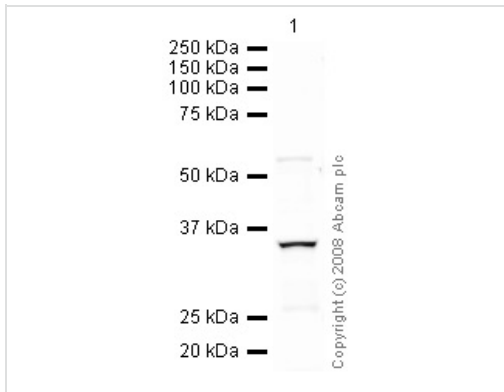
### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab42243** 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
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アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 32 kDa).
<b>追加情報</b>		Is unsuitable for ICC/IF.
<b>ターゲット情報</b>		
<b>機能</b>		Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.
<b>組織特異性</b>		Widespread; most predominant in spleen, lung and prostate.
<b>配列類似性</b>		Belongs to the tumor necrosis factor family.
<b>細胞内局在</b>		Membrane.
<b>画像</b>		



Western blot - TRAIL antibody (ab42243)

Anti-TRAIL antibody (ab42243) at 1 µg/ml +  
A549 whole cell lysate (ab7910) at 10 µg

### Secondary

IRDye 680 Conjugated Goat Anti-Rabbit IgG  
(H+L) at 1/10000 dilution

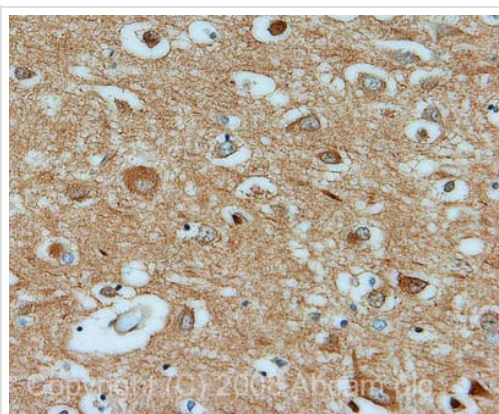
Performed under reducing conditions.

**Predicted band size:** 32 kDa

**Observed band size:** 35 kDa

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

ab42243 gives a positive signal in A549 at 35 kDa. This antibody has also been tested in western blot in HeLa and Jurkat whole cell lysates and detects bands at 50 and 95 kDa. In our hands this product does not give a signal in Human spleen or prostate tissue lysates in western blot (data not shown). Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - TRAIL antibody (ab42243)

IHC image of TRAIL staining in human hippocampus FFPE section, performed on a 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 ab42243, 1 µg/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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

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