


Product datasheet

Anti-TCHP antibody ab77622

画像数 4

製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-TCHP antibody  |
| 製品の詳細        | Rabbit polyclonal to TCHP   |
| アプリケーション     | 適用あり: WB  |
| 種交差性         | 交差種: Human<br>交差が予測される動物種: Orangutan   |
| 免疫原          | Synthetic peptide conjugated to KLH derived from within residues 450 to the C-terminus of Human TCHP. Immunogenの所有権に関して |
| ポジティブ・コントロール | This antibody gave a positive signal in human tonsil tissue lysate and in the whole cell lysate: U87MG.                 |

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<br>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 **ab77622** 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 65 kDa (predicted molecular weight: 61 kDa). |

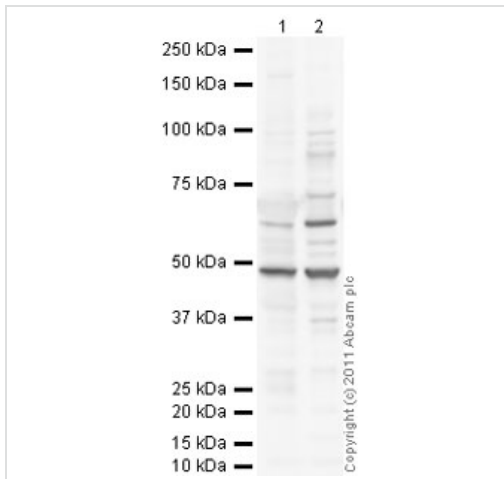
## ターゲット情報

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|       |  |
|-------|--|
| 関連性   | A tumour suppressor protein which may act as a 'capping' or 'branching' protein for keratin filaments in the cell periphery. |
| 細胞内局在 | Cytoplasmic, cytoskeleton  |

## 画像

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Western blot - TCHP antibody (ab77622)

**All lanes** : Anti-TCHP antibody (ab77622) at 1 µg/ml

**Lane 1** : Human tonsil normal tissue lysate - total protein ([ab29615](#))

**Lane 2** : U-87 MG (Human glioblastoma astrocytoma) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

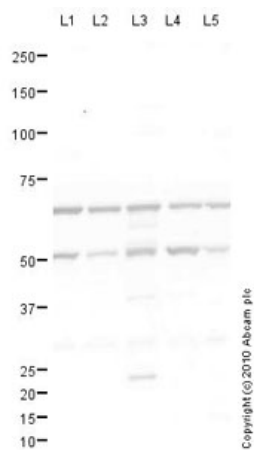
### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

**Predicted band size** : 61 kDa

**Observed band size** : 65 kDa

**Additional bands at** : 49 kDa. We are unsure as to the identity of these extra bands.



Western blot - TCHP antibody (ab77622)

**All lanes** : Anti-TCHP antibody (ab77622) at 1 µg/ml

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

**Lane 2** : A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 3** : Human skin tissue lysate - total protein ([ab30166](#))

**Lane 4** : Saos 2 (Human epithelial-like osteosarcoma cell line) Whole Cell Lysate

**Lane 5** : T47D whole cell lysate ([ab14899](#))

Lysates/proteins at 10 µg per lane.

### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution  
Developed using the ECL technique

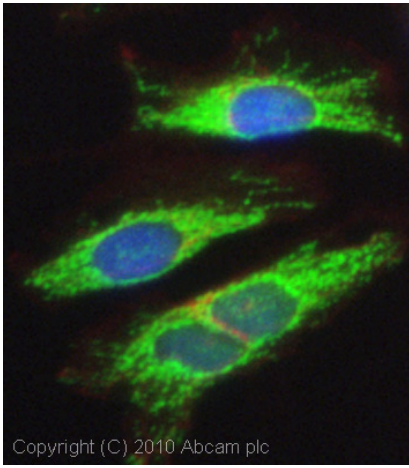
Performed under reducing conditions.

**Predicted band size** : 61 kDa

**Observed band size** : 65 kDa

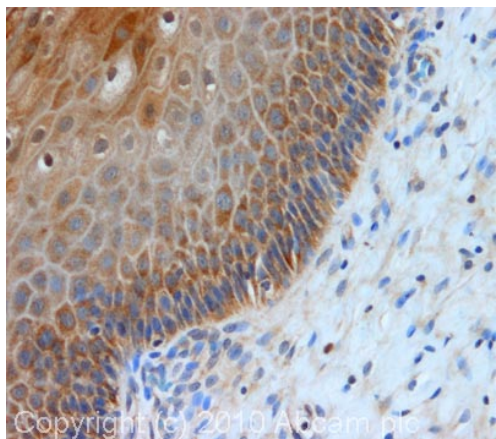
**Additional bands at** : 53 kDa. We are unsure as to the identity of these extra bands.

**Exposure time** : 30 seconds



Immunocytochemistry/ Immunofluorescence - TCHP antibody (ab77622)

ICC/IF image of ab77622 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 (ab77622, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 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 100% methanol fixed (5 min) Hek293, HepG2 and MCF7 cells at 5µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - TCHP antibody (ab77622)

IHC image of TCHP staining in human normal cervix 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 77622, 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.

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