

## Product datasheet

# Anti-TLE3 antibody ab94972

★★★★★ 2 Abreviews 2 References 3 图像

### 概述

产品名称	Anti-TLE3抗体
描述	兔多克隆抗体to TLE3
宿主	Rabbit
经测试应用	适用于: IP, WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat
免疫原	Synthetic peptide conjugated to KLH derived from within residues 200 to the C-terminus of Human TLE3. 参阅Abcam的专有抗源政策(Peptide available as <a href="#">ab109092</a> .)
阳性对照	This antibody gave a positive signal in the following lysates: Breast (Human) Tissue Lysate; MCF7 Whole Cell Lysate; MDA-MB-231 Whole Cell Lysate; Lung (Human) Tissue Lysate; A549 Whole Cell Lysate; A431 Whole Cell Lysate; HeLa Nuclear Lysate

### 性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab94972** in the following tested applications.

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

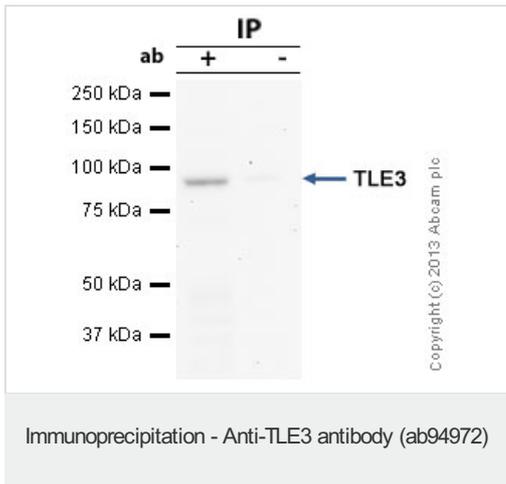
应用	Ab评论	说明
IP		Use at an assay dependent concentration.

应用	Ab评论	说明
WB	★★★★★	Use a concentration of 1 mg/ml. Detects a band of approximately 83 kDa (predicted molecular weight: 83 kDa).
ICC/IF	★★★★★	Use a concentration of 1 µg/ml.

## 靶标

<b>功能</b>	Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES.
<b>组织特异性</b>	Placenta and lung.
<b>序列相似性</b>	Belongs to the WD repeat Groucho/TLE family. Contains 7 WD repeats.
<b>翻译后修饰</b>	Ubiquitinated by XIAP/BIRC4. This ubiquitination does not affect its stability, nuclear localization, or capacity to tetramerize but inhibits its interaction with TCF7L2/TCF4.
<b>细胞定位</b>	Nucleus.

## 图片



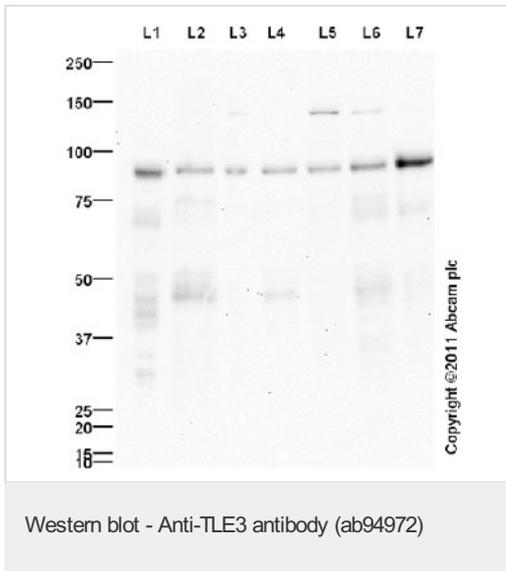
TLE3 was immunoprecipitated using 0.5mg HeLa whole cell extract, 5µg of Rabbit polyclonal to TLE3 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, HeLa whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab94972.

Secondary: Mouse monoclonal [SB62a]  
Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 83kDa; TLE3



**All lanes :** Anti-TLE3 antibody (ab94972) at 1 µg/ml

**Lane 1 :** Human breast tissue lysate - total protein ([ab30090](#))

**Lane 2 :** MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate

**Lane 3 :** MDA-MB-231 (Human breast adenocarcinoma cell line) Whole Cell Lysate

**Lane 4 :** Lung (Human) Tissue Lysate

**Lane 5 :** A549 (Human lung adenocarcinoma epithelial cell line) Whole Cell Lysate

**Lane 6 :** A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 7 :** HeLa (Human epithelial carcinoma cell line) Nuclear Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (HRP), pre-adsorbed at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

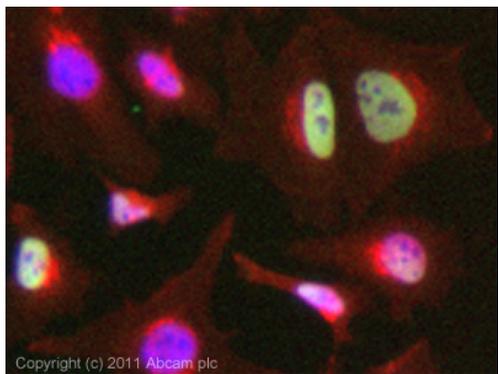
**Predicted band size:** 83 kDa

**Observed band size:** 83 kDa

**Additional bands at:** 125 kDa, 43 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 8 minutes

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-TLE3 antibody (ab94972)

ICC/IF image of ab94972 stained HeLa cells. The cells were 4% PFA 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 (ab94972, 1µg/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) Hek293, HepG2 and MCF7 cells at 1µg/ml.

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

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