

### Anti-Tristetraprolin/TTP antibody ab83579

★★★★★ [2 Abreviews](#) [7 References](#) [2 图像](#)

#### 概述

产品名称	Anti-Tristetraprolin/TTP抗体
描述	兔多克隆抗体to Tristetraprolin/TTP
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human Tristetraprolin/TTP aa 50-150 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary. Database link: <a href="#">P26651</a> (Peptide available as <a href="#">ab106207</a> )
阳性对照	This antibody gave a positive signal in the following whole cell lysates: HeLa; HepG2; Jurkat; Ramos; A431; SK N SH; PC3.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 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	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab83579于以下的经测试应用

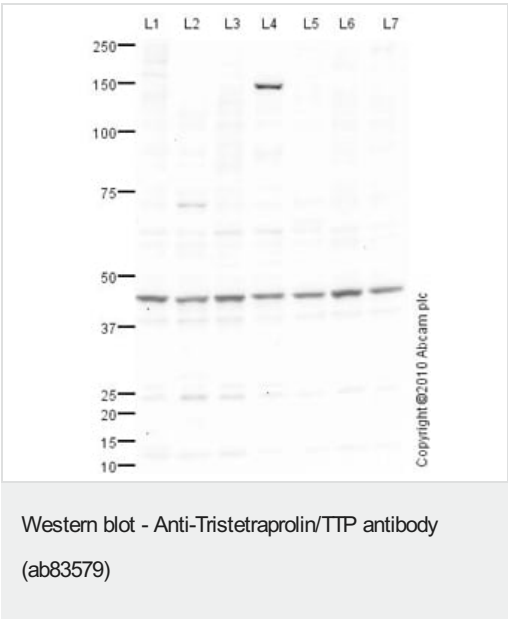
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 44 kDa (predicted molecular weight: 34 kDa).

靶标

功能	mRNA-binding protein involved in post-transcriptional regulation of AU-rich element (ARE)-containing mRNAs. Acts by specifically binding ARE-containing mRNAs and promoting their degradation. Recruits deadenylase CNOT7 (and probably the CCR4-NOT complex) via association with CNOT1. Plays a key role in the post-transcriptional regulation of tumor necrosis factor (TNF). Plays a key role in the post-transcriptional regulation of tumor necrosis factor (TNF).
序列相似性	Contains 2 C3H1-type zinc fingers.
翻译后修饰	Phosphorylation by MAPKAPK2 increases its stability and binding to 14-3-3 proteins, leading to reduce its ARE affinity leading to inhibition of degradation of ARE-containing transcripts. Phosphorylated upon mitogen stimulation.
细胞定位	Nucleus. Cytoplasm. Localizes to stress granules upon energy starvation. phosphorylation by MAPKAPK2 promotes exclusion from stress granules.

图片



**All lanes :** Anti-Tristetraprolin/TTP antibody (ab83579) at 1 µg/ml

- Lane 1 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
- Lane 2 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate
- Lane 3 :** Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate
- Lane 4 :** Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate
- Lane 5 :** A431 (Human epithelial carcinoma cell line) Whole Cell Lysate
- Lane 6 :** SK N SH (Human neuroblastoma) Whole Cell Lysate
- Lane 7 :** PC3 (Human prostate carcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.

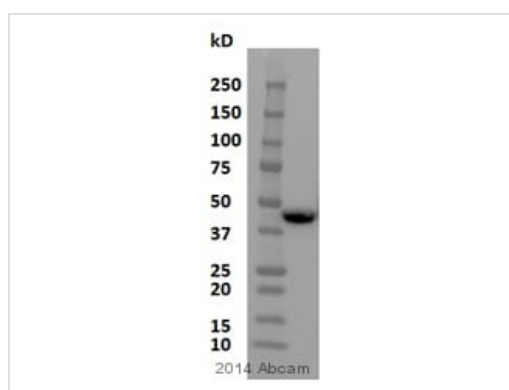
**Predicted band size:** 34 kDa

**Observed band size:** 44 kDa

**Additional bands at:** 150 kDa, 25 kDa, 70 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 10 minutes

Tristetraprolin contains a number of potential phosphorylation sites (SwissProt data) which may explain it running at a higher molecular weight than predicted. The expression profile observed is also consistent with what has been described in the literature (PMID:16508015).



Western blot - Anti-Tristetraprolin/TTP antibody (ab83579)

This image is courtesy of an anonymous Abreview

Anti-Tristetraprolin/TTP antibody (ab83579) at 1/1000 dilution + HeLa whole cell lysate at 20 µg

### Secondary

HRP-conjugated goat anti-rabbit IgG at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 34 kDa

**Observed band size:** 44 kDa

**Exposure time:** 1 minute

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