

Anti-Tristetraprolin/TTP antibody ab33058

★★★★★ [3 Abreviews](#) [14 References](#) [4 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: ICC/IF, WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Rabbit, Guinea pig, Cow, Dog 
免疫原	Synthetic peptide corresponding to Human Tristetraprolin/TTP aa 84-133. Sequence: PLAPRLGPELSPSPSTPTATSTTPSRKTELCRTFSESGRCR YGAKCQFA Database link: P26651 (Peptide available as ab111664)  Run BLAST with  Run BLAST with
阳性对照	HepG2 whole cell lysate (ab7900).
常规说明	This product was previously labelled as Tristetraprolin

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.

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&As

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2

Preservative: 0.09% Sodium azide

Constituents: 2% Sucrose, PBS

纯度

Affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab33058 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
ICC/IF		Use a concentration of 1 µg/ml.
WB	★★★★☆ (2)	Use a concentration of 1 µg/ml. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P	★☆☆☆☆ (1)	Use a concentration of 4 µg/ml.

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

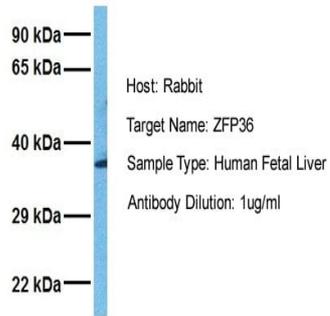
Phosphorylation by MAPKAPK2 increases its stability and binding to 14-3-3 proteins, leading to reduce its ARE affinity leading to inhibition of degradation of ARE-containing transcripts. Phosphorylated upon mitogen stimulation.

细胞定位

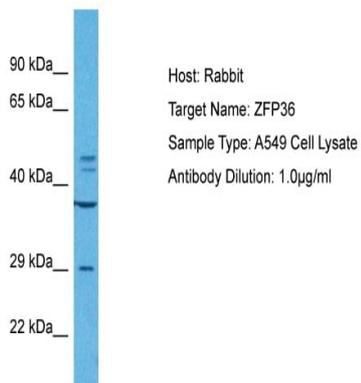
Nucleus. Cytoplasm. Localizes to stress granules upon energy starvation. phosphorylation by MAPKAPK2 promotes exclusion from stress granules.

图片

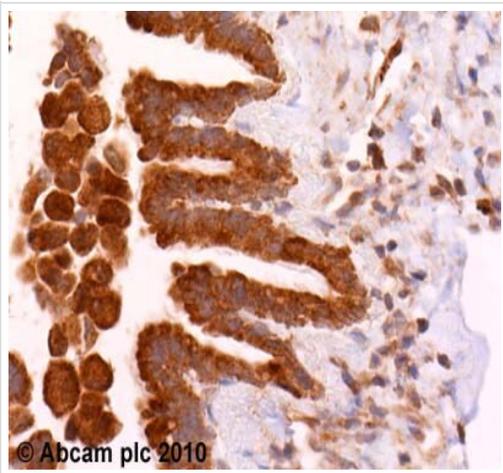
ZFP36



Western blot - Anti-Tristetraprolin/TTP antibody (ab33058)



Western blot - Anti-Tristetraprolin/TTP antibody (ab33058)

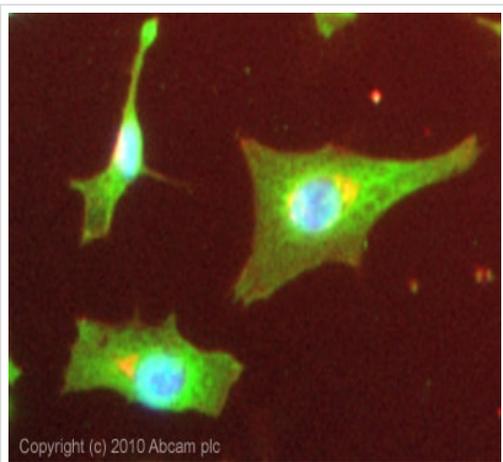


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tristetraprolin/TTP antibody (ab33058)

ab33058 (4µg/ml) staining Tristetraprolin/TTP in human lung using an automated system (DAKO Autostainer Plus). Using this protocol there is staining of the cytoplasmic and nuclei of macrophages and nuclei staining in some pneumocytes. There was also cytoplasmic and nuclei staining of epithelium cells of the bronchioles.

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffers EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended.

Signal ampli



Immunocytochemistry/ Immunofluorescence - Anti-Tristetraprolin/TTP antibody (ab33058)

ICC/IF image of ab33058 stained HeLa cells. The cells were 4% formaldehyde 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 (ab33058, 1µg/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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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