

Anti-Zhangfei antibody ab28700

[1 Abreviews](#) [6 References](#) [1 图像](#)

概述

产品名称	Anti-Zhangfei抗体
描述	兔多克隆抗体to Zhangfei
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 250 to the C-terminus of Human Zhangfei.参阅Abcam的专有抗源政策(Peptide available as ab28713 .)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: 293T Embryonic Kidney cell line (Human), HepG2 (Human hepatocellular liver carcinoma cell line), MCF7 (Human breast adenocarcinoma cell line), HeLa (Human epithelial carcinoma cell line), PC3 (Human prostate cancer cell line), NIH 3T3 (Mouse embryonic fibroblast cell line). This antibody also gave a positive signal in the following tissue lysates: Human Heart, Human Brain, Human Kidney, Human Liver.
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&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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>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</p>

scientific support team who will be happy to help.

纯度

Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab28700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		Use a concentration of 1 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 30 kDa).

靶标

功能

Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells.

组织特异性

In adults, expressed most abundantly in heart, liver and skeletal muscle, moderately abundant in kidney and pancreas, and barely detectable in lung. In fetal tissues, expressed most abundantly in kidney and very low amounts in heart, lung and liver.

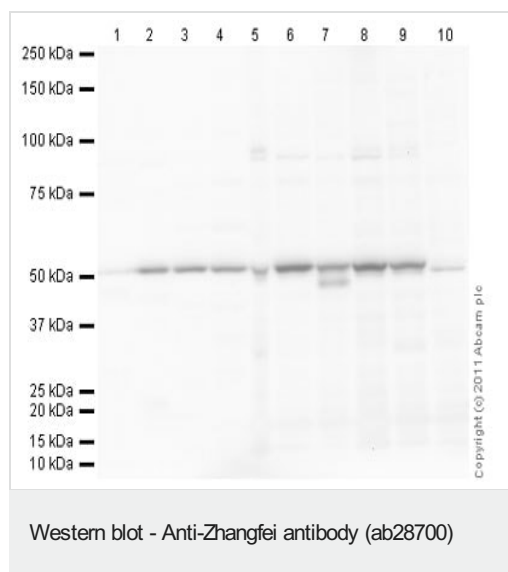
序列相似性

Belongs to the bZIP family. ATF subfamily.
Contains 1 bZIP domain.

细胞定位

Nucleus. Colocalizes at punctate nuclear structures with CREB3 and HCFC1.

图片



All lanes : Anti-Zhangfei antibody (ab28700) at 1 µg/ml

Lane 1 : Human heart tissue lysate - total protein ([ab29431](#))

Lane 2 : Human brain tissue lysate - total protein ([ab29466](#))

Lane 3 : Human kidney tissue lysate - total protein ([ab30203](#))

Lane 4 : Human liver tissue lysate - total protein ([ab29889](#))

Lane 5 : 293T Embryonic Kidney cell line (Human) Whole Cell Lysate

Lane 6 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 7 : MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate

Lane 8 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 9 : PC-3 whole cell lysate ([ab3954](#))

Lane 10 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 50 kDa

Exposure time: 2 minutes

In the literature Zhangfei is also referred to as SMILE (SHP-interacting leucine zipper protein). The SMILE gene generates two isoforms, SMILE-L (long isoform of SMILE, 50–60 kDa) and SMILE-S (short isoform of SMILE, 40 kDa), and ab28700 predominantly recognizes the SMILE-L form.

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

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