

Anti-TFB2M antibody ab118321

1 图像

概述

产品名称	Anti-TFB2M抗体
描述	山羊多克隆抗体to TFB2M
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Rat
免疫原	Synthetic peptide: RNLVRDLLEHQNPS with a Cysteine residue linker, corresponding to internal sequence amino acids 81-94 of Mouse TFB2M (NP_032275.2).

 [Run BLAST with](#)

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阳性对照 Mouse and Rat lung lysates.

常规说明 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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	ab118321 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab118321 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 0.5 - 2 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 45 kDa). 1 hour primary incubation is recommended for this product.

靶标

功能

S-adenosyl-L-methionine-dependent methyltransferase which specifically dimethylates mitochondrial 12S rRNA at the conserved stem loop. Also required for basal transcription of mitochondrial DNA, probably via its interaction with POLRMT and TFAM. Stimulates transcription independently of the methyltransferase activity. Compared to TFB1M, it activates transcription of mitochondrial DNA more efficiently, while it has less methyltransferase activity.

组织特异性

Ubiquitously expressed.

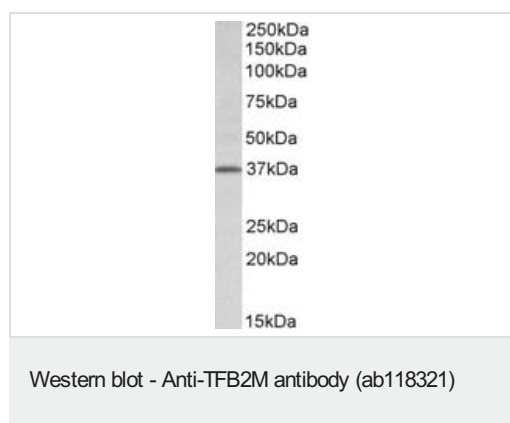
序列相似性

Belongs to the methyltransferase superfamily. rRNA adenine N(6)-methyltransferase family. KsgA subfamily.

细胞定位

Mitochondrion.

图片



Anti-TFB2M antibody (ab118321) at 0.5 µg/ml + Rat Lung lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 45 kDa

Observed band size: 37 kDa

The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.

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

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