

## Product datasheet

### Anti-TFB1M antibody ab106774

#### 1 图像

#### 概述

产品名称	Anti-TFB1M抗体
描述	山羊多克隆抗体to TFB1M
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide: C-ELKRRKSKNEEKE , corresponding to C terminal amino acids 325-337 of Human TFB1M (NP_057104.2) <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
阳性对照	A431 cell lysate

#### 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	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
纯化说明	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

Our [Abpromise guarantee](#) covers the use of **ab106774** in the following tested applications.

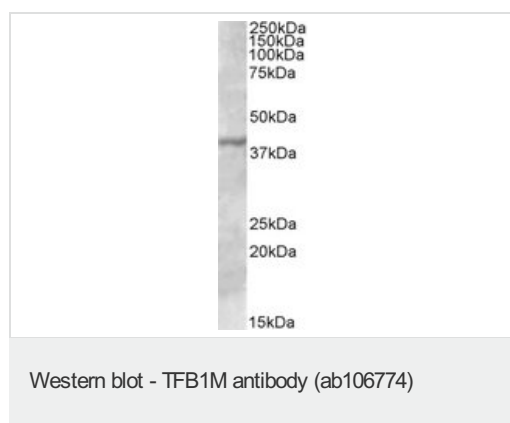
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 40 kDa).

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Ubiquitously expressed.
<b>疾病相关</b>	Note=Variations in TFB1M may influence the clinical expression of aminoglycoside-induced deafness caused by the A1555G mutation in the mitochondrial 12S rRNA.
<b>序列相似性</b>	Belongs to the methyltransferase superfamily. rRNA adenine N(6)-methyltransferase family. KsgA subfamily.
<b>细胞定位</b>	Mitochondrion.

## 图片



Anti-TFB1M antibody (ab106774) at 0.3 µg/ml  
+ A431 cell lysate at 35 µg  
Developed using the ECL technique

**Predicted band size** : 40 kDa

**Observed band size** : 38 kDa

**Exposure time** : 1 hour

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

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