

Product datasheet

Anti-TFB1M antibody ab184151

1 Image

Overview

Product name	Anti-TFB1M antibody
Description	Rabbit polyclonal to TFB1M
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human TFB1M aa 1-214. The exact sequence is proprietary. Database link: Q8WVM0
Positive control	293T, A431, HeLa or HepG2 lysate.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab184151** in the following tested applications.

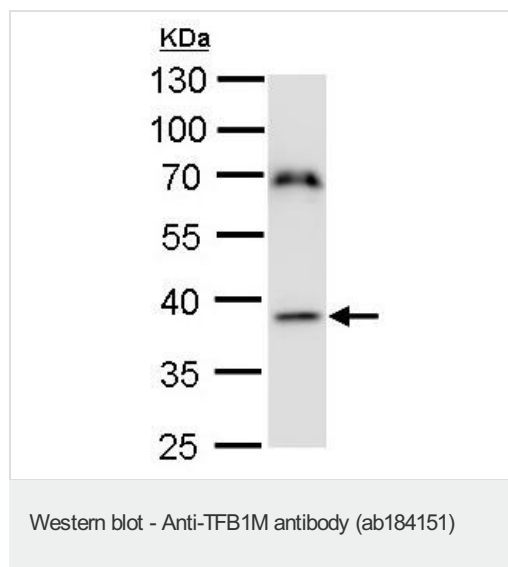
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 39 kDa.

Target

Function	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.
Tissue specificity	Ubiquitously expressed.
Involvement in disease	Note=Variations in TFB1M may influence the clinical expression of aminoglycoside-induced deafness caused by the A1555G mutation in the mitochondrial 12S rRNA.
Sequence similarities	Belongs to the methyltransferase superfamily. rRNA adenine N(6)-methyltransferase family. KsgA subfamily.
Cellular localization	Mitochondrion.

Images



All lanes : Anti-TFB1M antibody (ab184151) at 1/1000 dilution

Lane 1 : 293T lysate

Lane 2 : A431 lysate

Lane 3 : HeLa lysate

Lane 4 : HepG2 lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 39 kDa

10 % SDS-PAGE

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

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