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TFB1M Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2997a

Specification

TFB1M Antibody (C-Term) - Product Information

Application	**WB**
Primary Accession	Q8WVM0
Other Accession	NP_057104.2, 51106
Reactivity	**Human**
Predicted	**Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**39543**

TFB1M Antibody (C-Term) - Additional Information

Gene ID 51106

Other Names
Dimethyladenosine transferase 1, mitochondrial, 2.1.1.-, Mitochondrial 12S rRNA dimethylase 1, Mitochondrial transcription factor B1, h-mtTFB, h-mtTFB1, hTFB1M, mtTFB1, S-adenosylmethionine-6-N', N'-adenosyl(rRNA) dimethyltransferase 1, TFB1M

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TFB1M Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TFB1M Antibody (C-Term) - Protein Information

Name TFB1M

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.

Cellular Location
Mitochondrion.

Tissue Location
Ubiquitously expressed.

TFB1M Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFB1M Antibody (C-Term) - Images

AF2997a (0.3 µg/ml) staining of A431 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TFB1M Antibody (C-Term) - References

Mutational screening of the Mitochondrial transcription factors B1 and B2 (TFB1M and TFB2M) in Parkinson's disease. Sánchez-Ferrero E, Coto E, Blázquez M, Ribacoba R, Guisasola LM, Salvador C, Alvarez V. Parkinsonism Relat Disord. 2008 Nov 1. [Epub ahead of print]. PMID: 18980857