ARG65006
anti-TFB1M antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TFB1M
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TFB1M
Species	Human
Immunogen	C-ELKRRKSKNEEKE
Conjugation	Un-conjugated
Alternate Names	Mitochondrial transcription factor B1; CGI-75; rRNA; mtTFB; CGI75; h-mtTFB1; Mitochondrial 12S rRNA dimethylase 1; S-adenosylmethionine-6-N', N'-adenosyl; mtTFB1; h-mtTFB; EC 2.1.1.-; Dimethyladenosine transferase 1, mitochondrial; hTFB1M

Application Instructions

Application table

Application	Dilution
WB	0.3 - 1 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

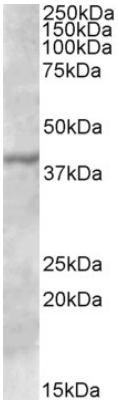
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 51106 Human Swiss-port # Q8WVM0 Human
Background	The protein encoded by this gene is a dimethyltransferase that methylates the conserved stem loop of mitochondrial 12S rRNA. The encoded protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. The methylation and transcriptional activities of this protein are independent of one another. Variations in this gene may influence the severity of aminoglycoside-induced deafness (AID).[provided by RefSeq, Aug 2010]
Research Area	Controls and Markers antibody; Gene Regulation antibody; Metabolism antibody
Calculated Mw	40 kDa

Images



ARG65006 anti-TFB1M antibody WB image

Western Blot: A431 lysate (35 µg protein in RIPA buffer) stained with ARG65006 anti-TFB1M antibody at 0.3 µg/ml dilution.