

Datasheet for ABIN7149946
anti-TFB1M antibody (AA 59-194)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	TFB1M
Binding Specificity:	AA 59-194
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFB1M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dimethyladenosine transferase 1, mitochondrial protein (59-194AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TFB1M
Alternative Name:	TFB1M (TFB1M Products)
Background:	Background: S-adenosyl-L-methionine-dependent methyltransferase which specifically dimethylates mitochondrial 12S rRNA at the conserved stem loop. Also required for basal

Target Details

transcription of mitochondrial DNA, probably via its interaction with POLRMT and TFAM.

Stimulates transcription independently of the methyltransferase activity.

Aliases: N'-adenosyl(rRNA) dimethyltransferase 1 antibody, CGI75 antibody, Dimethyladenosine transferase 1, mitochondrial antibody, h-mtTFB antibody, h-mtTFB1 antibody, hmtTFB antibody, hmtTFB1 antibody, hTFB1M antibody, Mitochondrial 12S rRNA dimethylase 1 antibody, Mitochondrial dimethyladenosine transferase 1 antibody, Mitochondrial transcription factor B1 antibody, mtTFB1 antibody, S-adenosylmethionine-6-N' antibody, Tfb1m antibody, TFB1M_HUMAN antibody, Transcription factor B1 mitochondrial antibody

UniProt: [Q8WVM0](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

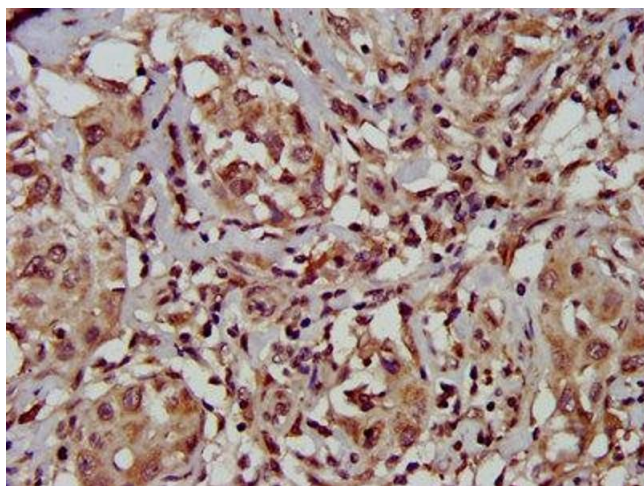
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

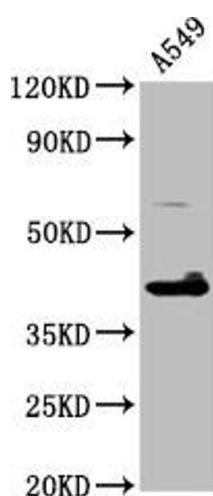
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



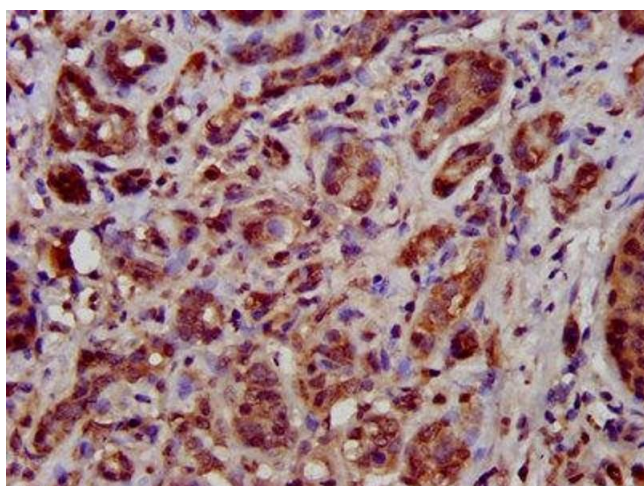
Immunohistochemistry

Image 1. IHC image of ABIN7149946 diluted at 1:500 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: TFB1M antibody at 4.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7149946 diluted at 1:500 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7149946.