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## Datasheet for ABIN7120070 **anti-TFB2M antibody**

### Overview

Quantity:	100 µg
Target:	TFB2M
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFB2M antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	transcription factor B2, mitochondrial
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TFB2M
Alternative Name:	TFB2M ( <a href="#">TFB2M Products</a> )
Background:	Synonyms: NS5ATP5 Background: 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. Compared to TFB1M,

## Target Details

it activates transcription of mitochondrial DNA more efficiently, while it has less methyltransferase activity.

Molecular Weight: 45-50 kDa

Gene ID: 64216

UniProt: [Q9H5Q4](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months