

TFB2M rabbit pAb

Catalog No: YT7001

Reactivity: Human; Mouse; Rat

Applications: WB

Target: TFB2M

Gene Name: TFB2M NS5ATP5

Q9H5Q4

Q3TL26

Protein Name: TFB2M

Human Gene Id: 64216

Human Swiss Prot

No:

Mouse Gene Id: 15278

Mouse Swiss Prot

No:

Rat Gene Id: 289307

Rat Swiss Prot No: Q5U2T7

Immunogen: Synthesized peptide derived from human TFB2M AA range: 192-242

Specificity: This antibody detects endogenous levels of TFB2M at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1 ? 500-2000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 44kD

Function: 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. Compared to TFB1M, it activates transcription of

mitochondrial DNA more efficiently, while it has less methyltransferase

activity.,induction:By the nuclear respiratory factors NRF1 and NRF2/GABPB2

and PGC-1 coactivators., similarity:Belongs to the rRNA adenine N(6)-methyltransferase family. KsgA subfamily., subunit:Interacts with mitochondrial RNA polymerase POLRMT. Interacts with TFAM., tissue

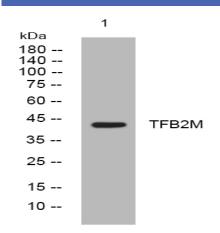
specificity: Ubiquitously expressed.,

Subcellular Location:

Mitochondrion.

Expression: Ubiquitously expressed.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, $4\,^{\circ}\text{over}$ night