Best Tools for immunology Research

TFB2M rabbit pAb

Catalog No :	YT7001
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	TFB2M
Gene Name :	TFB2M NS5ATP5
Protein Name :	TFB2M
Human Gene Id :	64216
Human Swiss Prot No :	Q9H5Q4
Mouse Gene Id :	15278
Mouse Swiss Prot No :	Q3TL26
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.

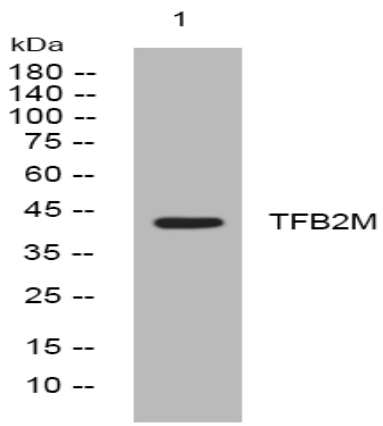
Sort : 17056

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night