

## TFB2M rabbit pAb

<b>Catalog No :</b>	YT7001
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	TFB2M
<b>Gene Name :</b>	TFB2M NS5ATP5
<b>Protein Name :</b>	TFB2M
<b>Human Gene Id :</b>	64216
<b>Human Swiss Prot No :</b>	Q9H5Q4
<b>Mouse Gene Id :</b>	15278
<b>Mouse Swiss Prot No :</b>	Q3TL26
<b>Rat Gene Id :</b>	289307
<b>Rat Swiss Prot No :</b>	Q5U2T7
<b>Immunogen :</b>	Synthesized peptide derived from human TFB2M AA range: 192-242
<b>Specificity :</b>	This antibody detects endogenous levels of TFB2M at Human/Mouse/Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	44kD
<b>Function :</b>	<p>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.,</p>
<b>Subcellular Location :</b>	Mitochondrion.
<b>Expression :</b>	Ubiquitously expressed.

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