

Anti-TFB2M Antibody (aa325-338)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17882**Specification****Anti-TFB2M Antibody (aa325-338) - Product Information**

Application	WB, IHC-P, E
Primary Accession	O9H5Q4
Predicted	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	45349

Anti-TFB2M Antibody (aa325-338) - Additional Information**Gene ID** 64216

Alias Symbol	TFB2M
Other Names	
TFB2M, H-mtTFB, H-mtTFB2, HTFB2M, MtTFB2, Hkp1, NS5ATP5	

Target/Specificity
Human TFB2M.**Reconstitution & Storage**
Immunoaffinity purified**Precautions**
Anti-TFB2M Antibody (aa325-338) is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-TFB2M Antibody (aa325-338) - Protein Information****Name** TFB2M ([HGNC:18559](#))**Synonyms** NS5ATP5**Function**

S-adenosyl-L-methionine-dependent rRNA methyltransferase which may methylate two specific adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 12S mitochondrial rRNA (Probable). Component of the mitochondrial transcription initiation complex, composed at least of TFB2M, TFAM and POLRMT that is required for basal transcription of mitochondrial DNA (PubMed: [29149603](http://www.uniprot.org/citations/29149603), PubMed: [12068295](http://www.uniprot.org/citations/12068295), PubMed: [20410300](http://www.uniprot.org/citations/20410300), PubMed: [15526033](http://www.uniprot.org/citations/15526033)). In this complex, TFAM recruits POLRMT to a specific promoter whereas TFB2M induces structural changes in POLRMT to enable promoter opening and trapping of the DNA non- template strand

(PubMed:29149603, PubMed:15526033). Stimulates transcription independently of the methyltransferase activity (PubMed:12897151).

Cellular Location

Mitochondrion.

Tissue Location

Ubiquitously expressed.

Anti-TFB2M Antibody (aa325-338) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TFB2M Antibody (aa325-338) - Images