

Rabbit TFB2M Polyclonal Antibody | anti-TFB2M antibody

TFB2M antibody - N-terminal region

CATALOG # AAA197814	HOST Rabbit	REACTIVITY Horse, Human, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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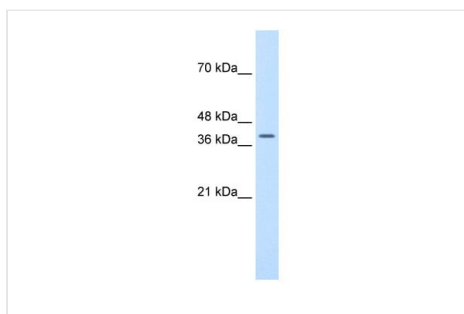
PRODUCT SYNONYMS

TFB2M; Polyclonal Antibody; TFB2M antibody - N-terminal region; anti-TFB2M antibody

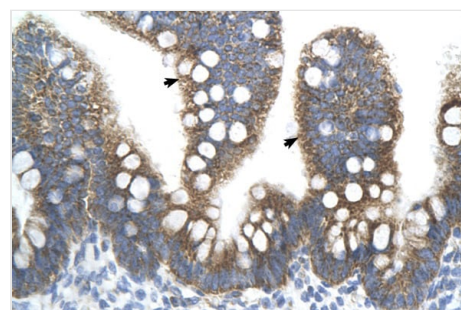
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EC NPGPGILTQA LLEAGAKVVA LESDKTFIPH LESLGKNLDG KLRVIHCD
Sequence Length	396
Applicable Applications for anti-TFB2M antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Horse: 100%; Human: 100%; Rabbit: 83%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TFB2M
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TFB2M Antibody Titration: 1.25ug/mL
ELISA Titer: 1:312500
Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Human Intestine

ADDITIONAL INFORMATION

Related Product Information for anti-TFB2M antibody	This is a rabbit polyclonal antibody against TFB2M. It was validated on Western Blot and immunohistochemistry Target Description: TFB2M is a S-adenosyl-L-methionine-dependent methyltransferase which specifically dimethylates mitochondrial 12S rRNA at the conserved stem loop. It is also required for basal transcription of mitochondrial DNA, probably via its interaction with POLRMT and TFAM. It stimulates transcription independently of the methyltransferase activity. Compared to TFB1M, it activates transcription of mitochondrial DNA more efficiently, while it has less methyltransferase activity.
Product Categories/Family for anti-TFB2M antibody	Polyclonal; Transcription Factor; Transcription Regulation; Stem Cells; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	11641289
NCBI GeneID	64216
NCBI Accession #	NP_071761
NCBI GenBank Nucleotide #	NM_022366
UniProt Accession #	Q9H5Q4
Molecular Weight	45kDa
NCBI Official Full Name	dimethyladenosine transferase 2, mitochondrial
NCBI Official Synonym Full Names	transcription factor B2, mitochondrial
NCBI Official Symbol	TFB2M
NCBI Official Synonym Symbols	Hkp1; mtTFB2
NCBI Protein Information	dimethyladenosine transferase 2, mitochondrial
UniProt Protein Name	Dimethyladenosine transferase 2, mitochondrial
UniProt Gene Name	TFB2M
UniProt Synonym Gene Names	NS5ATP5; HCV NS5A-transactivated protein 5; h-mtTFB; h-mtTFB2; hTFB2M; mtTFB2
UniProt Entry Name	TFB2M_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tfb2m-antibody-western-blot-immunohistochemistry-elisa/197814>