

Rabbit TFAM Polyclonal Antibody | anti-TFAM antibody

TFAM antibody - middle region

CATALOG # AAA198157	HOST Rabbit	REACTIVITY Mouse, Rabbit, Rat	APPLICATIONS Western Blot
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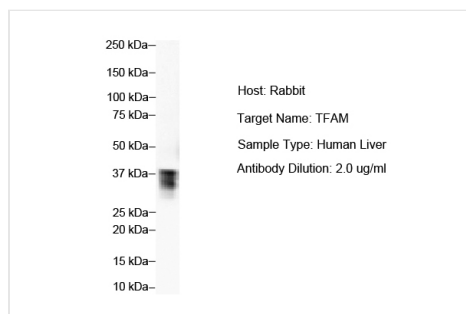
PRODUCT SYNONYMS

TFAM; Polyclonal Antibody; TFAM antibody - middle region; anti-TFAM antibody

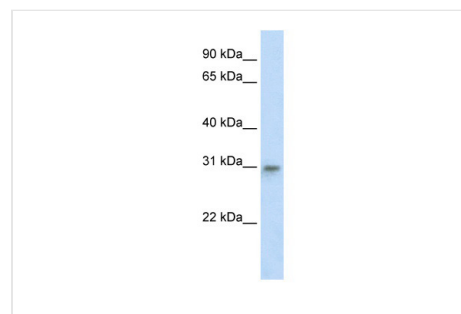
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity 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: SE SFQEAKDDSA QGKLKLVNEA WKNLSPEEKQ AYIQLAKDDR IRYDNEMK
Sequence Length	243
Applicable Applications for anti-TFAM antibody	WB (Western Blot)
Homology	Mouse: 100%; Rabbit: 77%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of mouse TFAM
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.

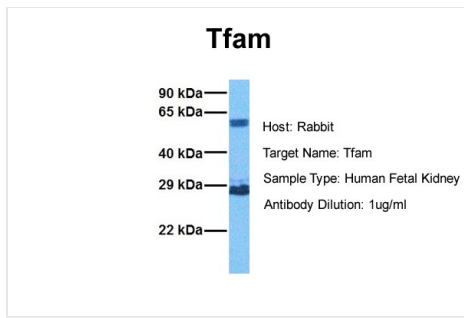
IMAGES



WB (Western Blot)
Human Liver



WB (Western Blot)
WB Suggested Anti-TFAM Antibody Titration: 2 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Liver



WB (Western Blot)

Host: Rabbit Target Name: Tfam Sample Tissue: Human Fetal Kidney Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TFAM antibody	This is a rabbit polyclonal antibody against TFAM. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TFAM a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this protein is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns Sayre syndrome was produced when expression of the gene was eliminated by targeted disruption in heart and muscle cells.
Product Categories/Family for anti-TFAM antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cardiovascular; Developmental Biology; Various; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678303
NCBI GeneID	21780
NCBI Accession #	NP_033386
NCBI GenBank Nucleotide #	NM_009360
UniProt Accession #	P40630
Molecular Weight	27kDa
NCBI Official Full Name	transcription factor A, mitochondrial
NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	Tfam
NCBI Official Synonym Symbols	Hmgts; mtTFA; tsHMG; AI661103
NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	Tfam
UniProt Synonym Gene Names	Hmgts; mtTFA; TS-HMG

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://www.aaabiotech.com/polyclonal/tfam-antibody-western-blot-elisa/198157>