

Rabbit anti-Human TFAM Polyclonal Antibody | anti-TFAM antibody

Rabbit anti-TFAM Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212140	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

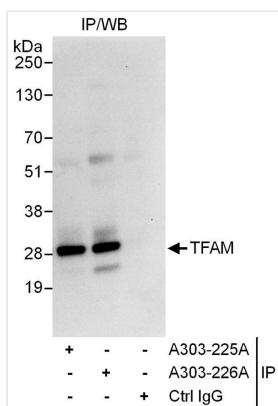
PRODUCT SYNONYMS

TFAM; Polyclonal Antibody; Rabbit anti-TFAM Antibody; Affinity Purified; transcription factor 6-like 1; transcription factor A; mitochondrial; transcription factor 6-like 3; Transcription factor 6-like 2; transcription factor 6; TCF6L3; TCF6L2; TCF-6; TCF6; MTTFA; MTTF1; MTDPS15; mitochondrial transcription factor A; mitochondrial transcription factor 1; TCF6L1; transcription factor 6-like 2 (mitochondrial transcription factor); Transcription factor A; anti-TFAM antibody

PRODUCT SPECIFICATIONS

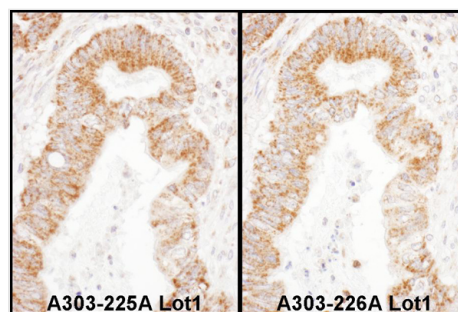
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TFAM antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human TFAM by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TFAM antibody AAA212140 used for IP at 6 ug/mg lysate. TFAM was also immunoprecipitated by rabbit anti-TFAM antibody which recognizes a downstream epitope. For blotting immunoprecipitated TFAM, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human TFAM by immunohistochemistry. Samples: FFPE serial sections of human stomach carcinoma. Antibody: Affinity purified rabbit anti-TFAM (Cat. No. AAA212140 Lot1 left panel and Cat. No. Lot1 right panel) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TFAM antibody	Transcription factor A, mitochondrial (TFAM) binds to the mitochondrial light strand promoter and functions in mitochondrial transcriptional regulation. TFAM is required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase and promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. TFMA is required for maintenance of normal levels of mitochondrial DNA and may play a role in organizing and compacting mitochondrial DNA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q00059].
Product Categories/Family for anti-TFAM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507401
NCBI GeneID	7019
NCBI Accession #	NP_003192.1
NCBI GenBank Nucleotide #	NM_003201.2
UniProt Accession #	Q00059 ; Q5U0C6 ; A9QXC6 ; B5BU05
Molecular Weight	29,097 Da
NCBI Official Full Name	transcription factor A, mitochondrial isoform 1
NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	TFAM
NCBI Official Synonym Symbols	TCF6; MTTF1; MTTFA; TCF6L1; TCF6L2; TCF6L3
NCBI Protein Information	transcription factor A, mitochondrial; transcription factor 6; transcription factor 6-like 1; transcription factor 6-like 3; mitochondrial transcription factor 1; mitochondrial transcription factor A; transcription factor 6-like 2 (mitochondrial transcrip
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	TFAM
UniProt Synonym Gene Names	TCF6; TCF6L2; mtTFA; Mttf1; TCF-6
UniProt Entry Name	TFAM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/tfam-antibody-immunohistochemistry-immunoprecipitation-elisa/212140>