

Rabbit TSFM Polyclonal Antibody | anti-TSFM antibody

TSFM antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197176	Rabbit	Cow, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot

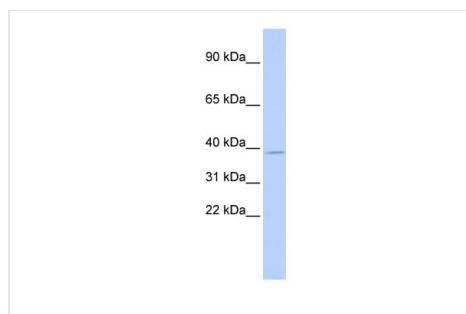
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

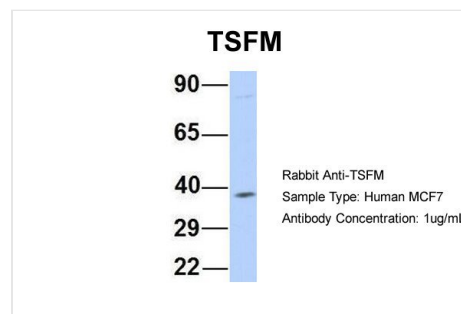
Host	Rabbit
Reactivity	Cow, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GT MMHCQTLKDQ PSAYSKGFLN SSELGSLPAG PDREGSLKDQ LALAIGKL
Sequence Length	346
Applicable Applications for anti-TSFM antibody	WB (Western Blot)
Homology	Cow: 86%; Guinea Pig: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TSFM
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



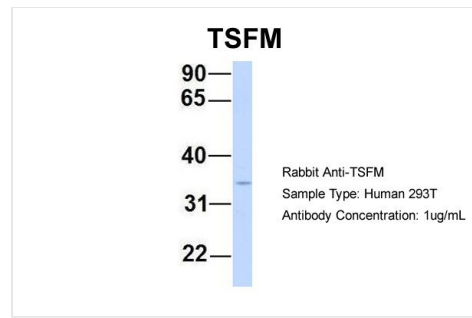
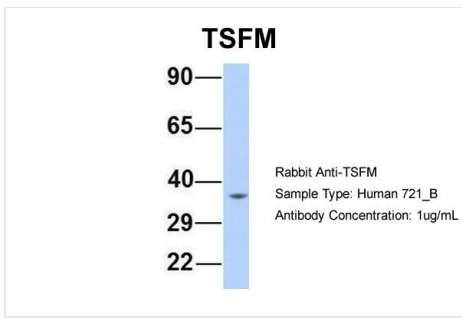
WB (Western Blot)

WB Suggested Anti-TSFM Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: HeLa cell lysate. TSFM is strongly supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: Rabbit
 Target Name: TSFM
 Sample Type: Human MCF7
 Antibody Dilution: 1.0ug/mL
 TSFM is strongly supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)

Host: RabbitTarget Name: TSFMSample Type: Human 721_BAntibody Dilution: 1.0ug/mlTSFM is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

WB (Western Blot)

Host: RabbitTarget Name: TSFMSample Type: Human 293TAntibody Dilution: 1.0ug/mlThere is BioGPS gene expression data showing that TSFM is expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-TSFM antibody	This is a rabbit polyclonal antibody against TSFM. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: The TSFM protein is a mitochondrial translation elongation factor. Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and rRNAs encoded in mtDNA, the concerted action of several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes.Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and rRNAs encoded in mtDNA, the concerted action of several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes. The TSFM gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM].
Product Categories/Family for anti-TSFM antibody	Polyclonal; Transcription Factor ; Transcription Regulation ; Transcription Regulation ; Chromatin & Nuclear Signaling ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846268
NCBI GeneID	10102
NCBI Accession #	NP_005717
NCBI GenBank Nucleotide #	NM_005726
UniProt Accession #	P43897
Molecular Weight	38kDa
NCBI Official Full Name	elongation factor Ts, mitochondrial isoform 2
NCBI Official Synonym Full Names	Ts translation elongation factor, mitochondrial
NCBI Official Symbol	TSFM
NCBI Official Synonym Symbols	EFTS; EFTSMT
NCBI Protein Information	elongation factor Ts, mitochondrial
UniProt Protein Name	Elongation factor Ts, mitochondrial
UniProt Gene Name	TSFM
UniProt Entry Name	EFTS_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/tsfm-antibody-western-blot-elisa/197176>