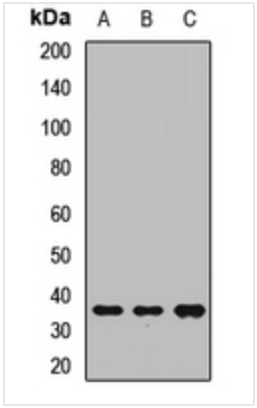
TEFM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TEFM, Polyclonal Antibody
Full Product Name	Anti-TEFM Antibody
Product Gene Name	anti-TEFM antibody
Product Synonym Names	C17orf42; Transcription elongation factor, mitochondrial
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	Purified by immunogen affinity chromatography
Specificity	Recognizes endogenous levels of TEFM protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	19,736 Da
OMIM	AJ314645 mRNA
3D Structure	ModBase 3D Structure for Q96QE5
Immunogen	Recombinant full length protein of human TEFM
Applications Tested/Suitable for anti-TEFM antibody	Western Blot (WB)
Application Notes for anti-TEFM antibody	WB: 1/500 - 1/2000
Related Product Information for anti-TEFM antibody	MBS8292612 is an antibody targeting TEFM. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to TEFM
Other Notes	Small volumes of anti-TEFM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TEFM antibody
Western blot analysis of TEFM expression in K562 (A), mouse liver (B), rat liver (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TEFM. It may not necessarily be applicable to this product.

NCBI GI #	134053959
NCBI GeneID	79736
NCBI Accession #	NP_078959.3
UniProt Primary Accession #	Q96QE5
UniProt Secondary Accession #	Q6GPG5; Q6PJ19; Q96H04; Q9H5Z9; E1P655
UniProt Related Accession #	Q96QE5
GenBank Nucleotide #	NM_024683.3
NCBI Official Full Name	transcription elongation factor, mitochondrial
NCBI Official Synonym Full Names	transcription elongation factor, mitochondrial
NCBI Official Symbol	TEFM
NCBI Official Synonym Symbols	C17orf42
UniProt Protein Name	Transcription elongation factor, mitochondrial
Protein Family	Transcription elongation factor
UniProt Gene Name	TEFM
UniProt Synonym Gene Names	C17orf42
NCBI Protein Information	transcription elongation factor, mitochondrial
UniProt Comments for TEFM	Transcription elongation factor which increases mitochondrial RNA polymerase processivity. Regulates transcription of the mitochondrial genome, including genes important for the oxidative phosphorylation machinery.
Research Articles on TEFM	**1.** Data provide insights into target specificity of TEFM and mechanisms by which it regulates the switch between transcription and replication of mitochondrial DNA.
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