

Rabbit TUFM Polyclonal Antibody | anti-TUFM antibody

TUFM antibody - middle region

CATALOG # AAA200829	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
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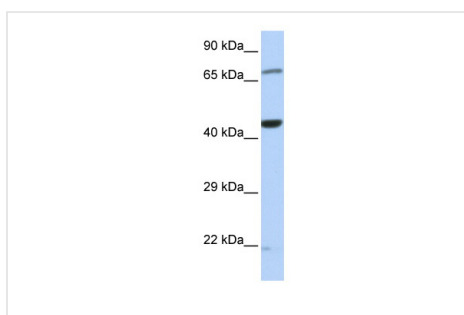
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

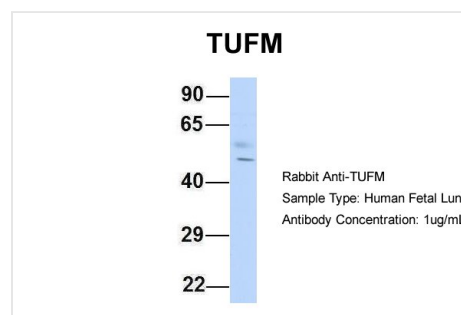
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PE KELAMPGEDL KFNILRQPM ILEKGQRFTL RDGNRTIGTG LVTNTLAM
Sequence Length	455
Applicable Applications for anti-TUFM antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%; Yeast: 77%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TUFM
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-TUFM Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:1562500
 Positive Control: Hela cell lysate
 TUFM is supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: Rabbit
 Target Name: TUFM
 Sample Type: Human Fetal Lung
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TUFM antibody	This is a rabbit polyclonal antibody against TUFM. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TUFM is a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. This gene encodes a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. A pseudogene has been identified on chromosome 17. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-TUFM antibody	Polyclonal; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	34147630
NCBI GeneID	7284
NCBI Accession #	NP_003312
NCBI GenBank Nucleotide #	NM_003321
UniProt Accession #	P49411
Molecular Weight	50kDa
NCBI Official Full Name	elongation factor Tu, mitochondrial isoform 1
NCBI Official Synonym Full Names	Tu translation elongation factor, mitochondrial
NCBI Official Symbol	TUFM
NCBI Official Synonym Symbols	P43; EFTU; COXPD4; EF-TuMT
NCBI Protein Information	elongation factor Tu, mitochondrial
UniProt Protein Name	Elongation factor Tu, mitochondrial
UniProt Gene Name	TUFM
UniProt Synonym Gene Names	EF-Tu
UniProt Entry Name	EFTU_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/tufm-antibody-western-blot-elisa/200829>