

Product datasheet for **TA344290**

TUFM Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TUFM antibody: synthetic peptide directed towards the middle region of human TUFM. Synthetic peptide located within the following region: PEKELAMPGEDLKFNILRQPMILEKGQRFTLRDGNRTIGTGLVTNTLAM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	Tu translation elongation factor, mitochondrial
Database Link:	NP_003312 Entrez Gene 7284 Human P49411

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- Background:** 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.
- Synonyms:** COXPD4; EF-TuMT; EFTU; P43
- Note:** Immunogen Sequence Homology: Dog: 100%; Human: 100%; Pig: 93%; Rat: 93%; Horse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Mouse: 86%; Zebrafish: 86%; Yeast: 77%

Product images:

