

#### OriGene Technologies, Inc.

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# Product datasheet for TA344290

### **TUFM Rabbit Polyclonal Antibody**

### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
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: PEKELAMPGEDLKFNLILRQPMILEKGQRFTLRDGNRTIGTGLVTNTLAM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP_003312</u> <u>Entrez Gene 7284 Human</u> <u>P49411</u>

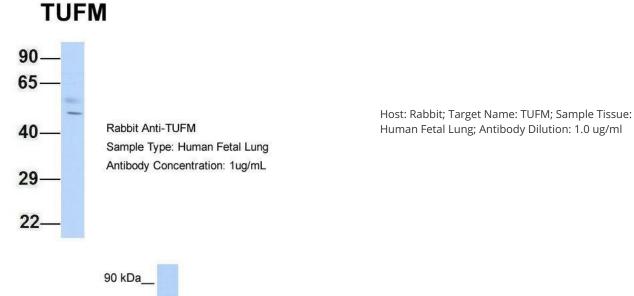


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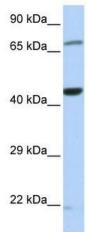
# **TUFM Rabbit Polyclonal Antibody – TA344290**

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:	lmmunogen 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:**



WB Suggested Anti-TUFM Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Hela cell lysateTUFM is supported by BioGPS gene expression data to be expressed in HeLa



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