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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58546_P050-HRP
Product Page	www.avivasysbio.com/tufm-antibody-middle-region-hrp-arp58546-p050-hrp.html
Name	TUFM Antibody - middle region : HRP (ARP58546_P050-HRP)
Protein Size (# AA)	455 amino acids
Molecular Weight	50kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	7284
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tu translation elongation factor, mitochondrial
Alias Symbols	P43, EFTU, COXPD4, EF-TuMT
Peptide Sequence	Synthetic peptide located within the following region: PEKELAMPGEDLKFNLILRQPMILEKGQRFTLRDGNRTIGTGLVTNTLAM
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Valente,L., (2007) Am. J. Hum. Genet. 80 (1), 44-58
Description of Target	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.
Protein Interactions	FAM9B; FUNDC1; CMTM5; ARL6IP1; HUWE1; FUS; SUMO2; SUMO3; SPRTN; UBC; MDM2; ASB12; ASB14; ASB10; ASB17; SUZ12; BMI1; RNF2; TUBB2A; XPO1; TUBB6; CAMK1D; NSFL1C; IPO9; UBXN1; DCPS; PROSC; PDIA4; PLAA; GTF3C4; NAE1; PPP5C; PPP1R2; PAFAH1B2; HK1; HEXB; GAPDH;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TUFM (ARP58546_P050-HRP) antibody
Blocking Peptide	For anti-TUFM (ARP58546_P050-HRP) antibody is Catalog # AAP58546 (Previous Catalog # AAPP34728)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TUFM
Uniprot ID	P49411
Protein Name	Elongation factor Tu, mitochondrial
Publications	Clemente, P. et al. hCOA3 stabilizes cytochrome c oxidase 1 (COX1) and promotes cytochrome c oxidase assembly in human mitochondria. J. Biol. Chem. 288, 8321-31 (2013). WB, Dog, Human, Pig, Horse, Rabbit, Rat, Guinea pig, Bovine, Mouse, Zebrafish, Yeast 23362268
Sample Type Confirmation	TUFM is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_003312
Purification	Affinity Purified

Nucleotide Accession #	NM_003321
Gene Symbol	TUFM
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%; Yeast: 77%; Zebrafish: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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