

KD-Validated Anti-TSFM Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1469

Product Information

Application	WB, FC, ICC
Primary Accession	P43897
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4710
Calculated MW	35391
Gene Name	TSFM
Aliases	TSFM; Ts Translation Elongation Factor, Mitochondrial; Elongation Factor Ts, Mitochondrial; EF-TS; Mitochondrial Elongation Factor Ts; EF-Tsmt; EF-TSMT; EF-TsMt; EFTSMT; EF-Ts; EFTS
Immunogen	A synthesized peptide derived from human TSFM

Additional Information

Gene ID	10102
Other Names	Elongation factor Ts, mitochondrial {ECO:0000255 HAMAP-Rule:MF_03135}, EF-Ts {ECO:0000255 HAMAP-Rule:MF_03135}, EF-TsMt {ECO:0000255 HAMAP-Rule:MF_03135}, TSFM {ECO:0000255 HAMAP-Rule:MF_03135}

Protein Information

Name	TSFM {ECO:0000255 HAMAP-Rule:MF_03135}
Function	Associates with the EF-Tu.GDP complex and induces the exchange of GDP to GTP. It remains bound to the aminoacyl-tRNA.EF- Tu.GTP complex up to the GTP hydrolysis stage on the ribosome. Participates in mitochondrial translation (PubMed: 27677415).
Cellular Location	Mitochondrion matrix {ECO:0000250 UniProtKB:P43896}
Tissue Location	Expressed in all tissues, with the highest levels of expression in skeletal muscle, liver and kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.