

Anti-TSFM Rabbit Monoclonal Antibody

Catalog # ABO16408

Product Information

Application	WB, IF, ICC, IP
Primary Accession	P43897
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TSFM Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

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}
Calculated MW	35391
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29T44
Immunogen	A synthesized peptide derived from human TSFM
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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](#)).

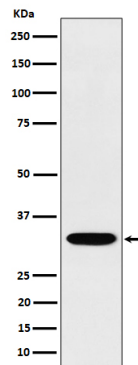
Cellular Location

Mitochondrion matrix {ECO:0000250 | UniProtKB:P43896}

Tissue Location

Expressed in all tissues, with the highest levels of expression in skeletal muscle, liver and kidney

Images



Western blot analysis of TSFM expression in Jurkat cell lysate.

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