



TSFM Rabbit mAb

Catalog No	YP-rAb-17689
Isotype	IgG
Reactivity	Human
Applications	WB,IF,ICC
Gene Name	TSFM
Protein Name	Elongation factor Ts, mitochondrial (EF-Ts) (EF-TsMt)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; ICC/IF 1:100-300
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	TSFM;Elongation factor Ts, mitochondrial (EF-Ts) (EF-TsMt);TSFM ; Elongation factor Ts, mitochondrial ; EF-Ts ; EF-TsMt
Observed Band	36kD
Calculated Molecular Weight	
Cell Pathway	Mitochondrion.
Tissue Specificity	Expressed in all tissues, with the highest levels of expression in skeletal muscle, liver and kidney.
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. {ECO:0000255 HAMAP-Rule:MF_03135, ECO:0000269 PubMed:27677415}.
Background	This gene encodes a mitochondrial translation elongation factor. The encoded protein is an enzyme that catalyzes the exchange of guanine nucleotides on the translation elongation factor Tu during the elongation step of mitochondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Mar 2010]

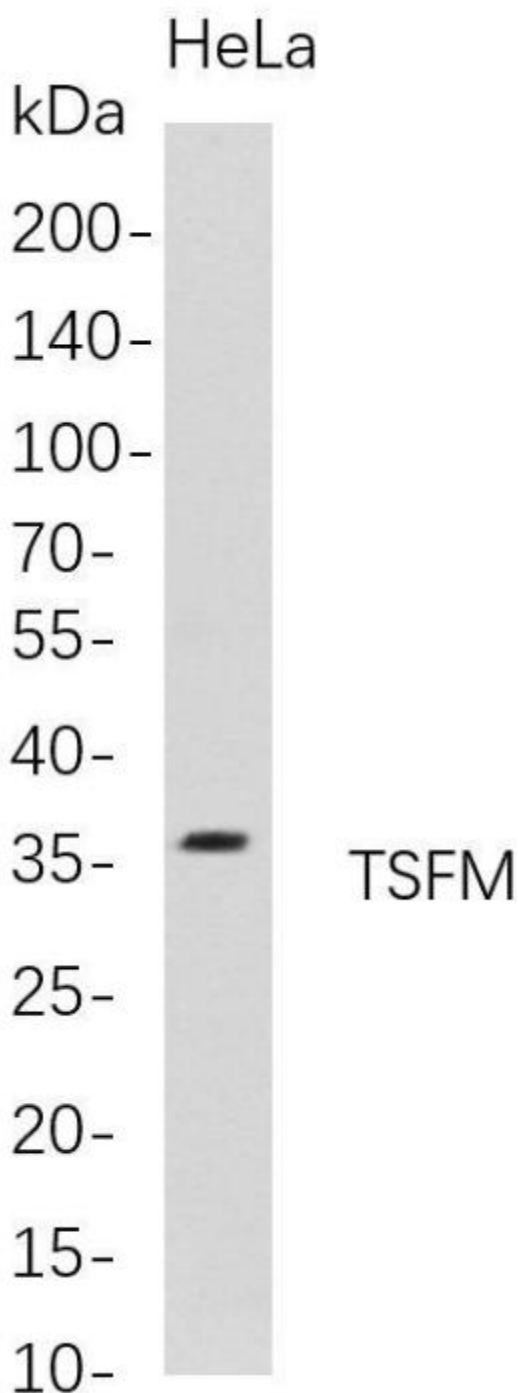


matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of HeLa whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TSFM rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.





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