

Elongation Factor Ts Rabbit mAb

Catalog # AP76305

Product Information

Application	WB
Primary Accession	P43897
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	35391

Additional Information

Gene ID	10102
Other Names	TSFM
Dilution	WB~~1:1000-1:5000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

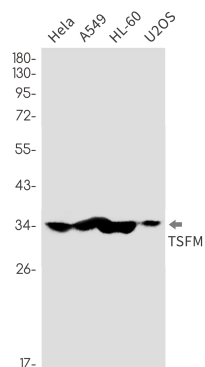
Protein Information

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

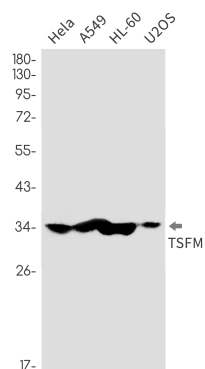
Background

Associates with the EF-Tu.

Images



Western blot analysis of TSFM in HeLa, A549, HL-60, U2OS lysates using Elongation Factor Ts antibody.



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