

TSFM Polyclonal Antibody

Catalog No: #29722

Package Size: #29722-1 50ul #29722-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

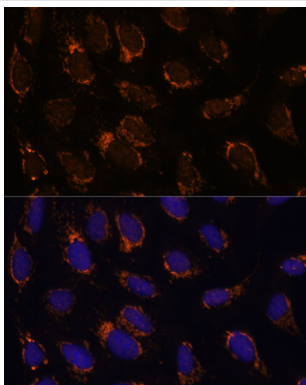
Description

Product Name	TSFM Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TSFM (NP_001166167).
Other Names	TSFM; EFTS; EFTSMT; elongation factor Ts, mitochondrial
Accession No.	Swiss-Prot#:P43897NCBI Gene ID:10102
Uniprot	P43897
GeneID	10102;
Calculated MW	35kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

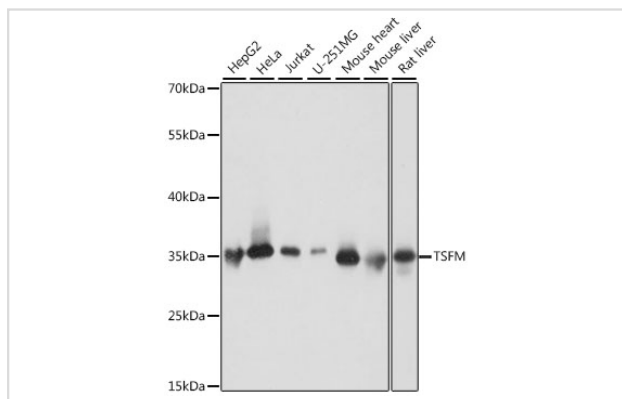
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:100

Images



Immunofluorescence analysis of U-2 OS cells using TSFM Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using TSFM at 1:1000 dilution.

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.

Note: This product is for in vitro research use only