

TUFM antibody

Catalog No: #38901



Package Size: #38901-1 50ul #38901-2 100ul

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

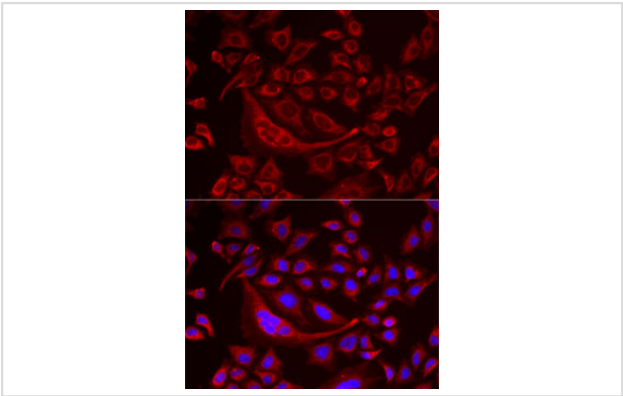
Description

Product Name	TUFM antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TUFM protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TUFM.
Target Name	TUFM
Other Names	P43; EFTU; COXPD4; EF-TuMT;
Accession No.	Swiss-Prot#: P49411NCBI Gene ID: 7284
Uniprot	P49411
GeneID	7284;
SDS-PAGE MW	49kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

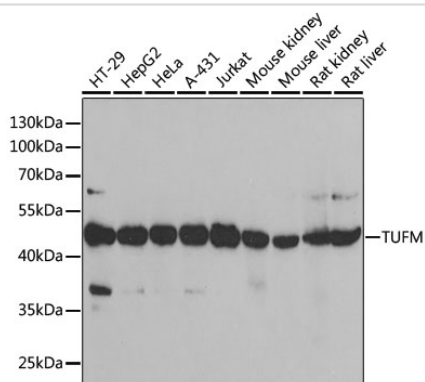
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:10 - 1:100IP 1:50 - 1:200

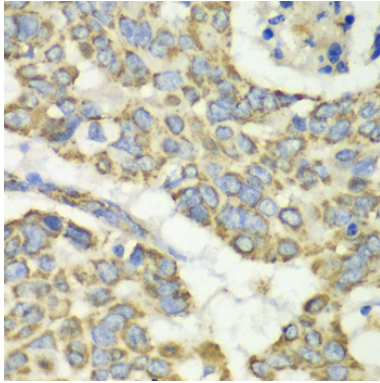
Images



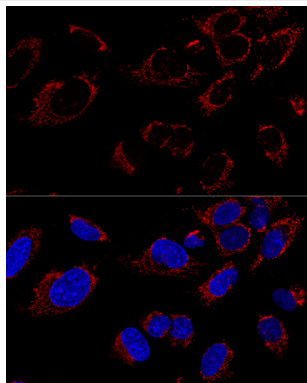
Immunofluorescence analysis of MCF7 cells using TUFM .
Blue: DAPI for nuclear staining.



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



Immunohistochemistry of paraffin-embedded human esophageal cancer using TUFM at dilution of 1:100 (40x lens).



Confocal immunofluorescence analysis of U2OS cells using TUFM Polyclonal at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

This gene encodes a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. A pseudogene has been identified on chromosome 17.

Note: This product is for in vitro research use only