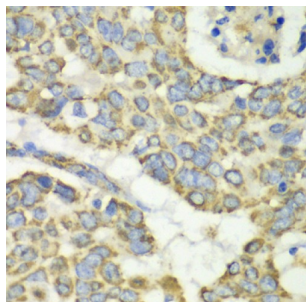
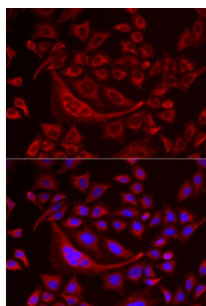


Elongation Factor Tu, Mitochondrial (TUFM) Antibody

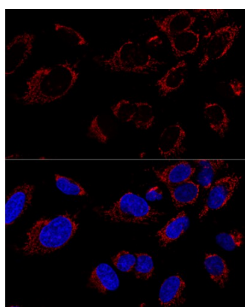
Catalogue No.: abx004916



Immunohistochemistry of paraffin-embedded Human esophageal cancer using TUFM Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of MCF7 cells using TUFM Antibody



Confocal immunofluorescence analysis of U2OS cells using TUFM Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

TUFM Antibody is a Rabbit Polyclonal antibody against TUFM. 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.

Target: Elongation Factor Tu, Mitochondrial (TUFM)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC, IF/ICC

Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/200, IF/ICC: 1/10 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human TUFM
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49411 (UniProt , ExPASy)
Gene Symbol:	TUFM
GeneID:	7284
NCBI Accession:	NP_003312.3
KEGG:	hsa:7284
String:	9606.ENSP00000322439
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.