

TUFM antibody

Catalog No: #38901

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Description

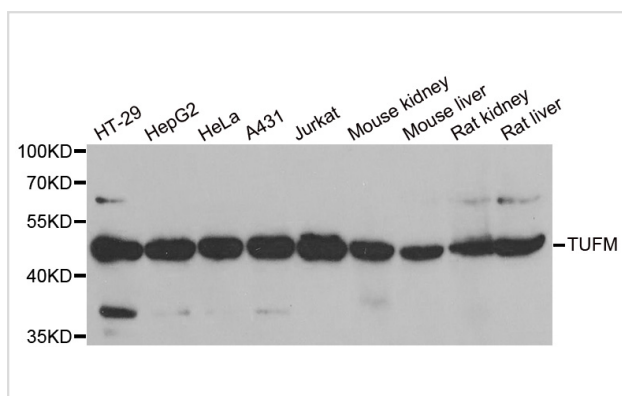
Product Name	TUFM antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total TUFM antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TUFM.
Target Name	TUFM
Other Names	P43; EFTU; COXPD4; EF-TuMT;
Accession No.	Swiss-Prot#: P49411NCBI Gene ID: 7284
SDS-PAGE MW	49kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

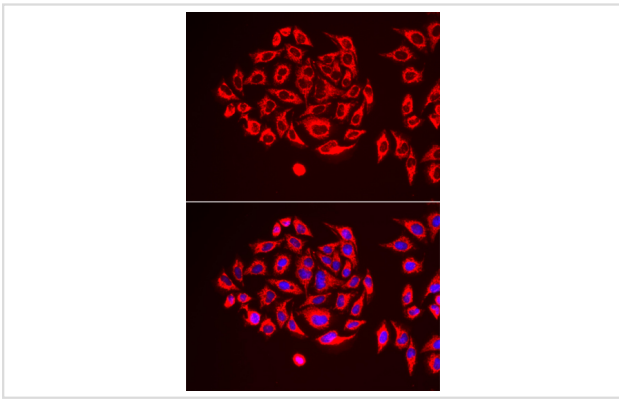
Western blotting: □ 1:500 - 1:2000

Immunofluorescence: 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using TUFM antibody.



Immunofluorescence analysis of U2OS cell using TUFM antibody. 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 and is not intended for use in humans or animals.