

A16094

Leader in Biomolecular Solutions for Life Science



TFSM Rabbit pAb

Catalog No.: A16094

Basic Information

Observed MW

35kDa

Calculated MW

35kDa

Category

Mouse Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

Immunogen Information

Gene ID

10102

Swiss Prot

P43897

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 245-346 of human TFSM (NP_001166167.1).

Synonyms

EFTS; EFTSMT; TFSM

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

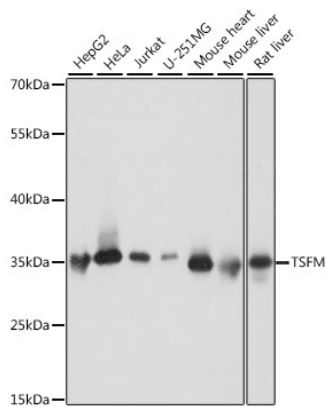
Affinity purification

Storage

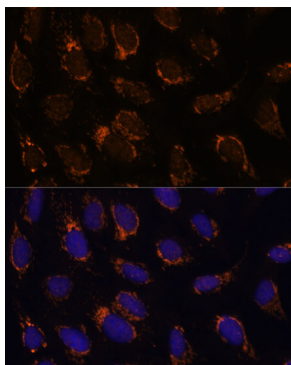
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using TSFM Rabbit pAb (A16094) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of U-2 OS cells using TSFM Rabbit pAb (A16094) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.