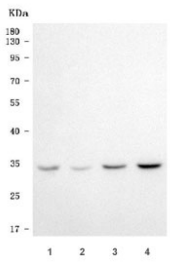
Elongation factor Ts Antibody / EF-Ts / TSFM (RQ7594)

Catalog No.	Formulation	Size
RQ7594	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P43897
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Elongation factor Ts antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) Jurkat, 3) 293T and 4) HepG2 cell lysate with Elongation factor Ts antibody. Predicted molecular weight ~35 kDa.

Description

Elongation factor Ts, mitochondrial is a protein that in humans is encoded by the TSFM gene. It is an EF-Ts homolog. 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 mitchondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the Elongation factor Ts antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-E325) was used as the immunogen for the Elongation factor Ts antibody.

Storage

After reconstitution, the Elongation factor Ts antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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