Datasheet for ABIN1536949

anti-TSFM antibody (C-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	TSFM
Binding Specificity:	AA 253-282, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSFM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TSFM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 253-282 amino acids from the C-terminal region of human TSFM.
Clone:	RB35873
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TSFM
Alternative Name:	TSFM (TSFM Products)

Target Details

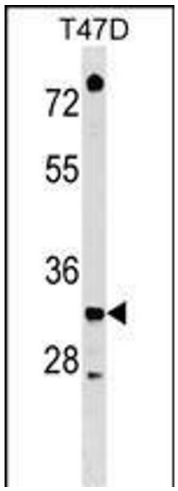
Background:	This gene encodes a mitochondrial translation elongation factor. The encoded protein is an enzyme that catalyzes the exchange of guanine nucleotides on the translation elongation factor Tu during the elongation step of mitchondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.
Molecular Weight:	35391
Gene ID:	10102
NCBI Accession:	NP_001166166, NP_001166167, NP_001166168, NP_005717
UniProt:	P43897

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	TSFM Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. TSFM Antibody (C-term) (ABIN1536949 and ABIN2848575) western blot analysis in T47D cell line lysates (35 µg/lane).This demonstrates the TSFM antibody detected the TSFM protein (arrow).