



Datasheet for ABIN7233624  
**anti-TUFM antibody**



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1 Image

Overview

Quantity:	200 µL
Target:	TUFM (Tufm)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUFM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant Human Elongation factor Tu, mitochondrial protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TUFM (Tufm)
Alternative Name:	TUFM ( <a href="#">Tufm Products</a> )
Background:	TUFM, also named as Elongation factor Tu, mitochondrial, is a 452 amino acid protein, which contains 1 tr-type G (guanine nucleotide-binding) domain and belongs to the TRAFAC class translation factor GTPase superfamily. TUFM localizes in the Mitochondrion and promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein

## Target Details

biosynthesis.

Molecular Weight: Observed\_MW: 50 kDa  
Calculated\_MW: 50 kDa

UniProt: [P49411](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 2 mg/mL

Buffer: PBS with 0.05 % Proclin300 and 50 % glycerol, pH 7.4.

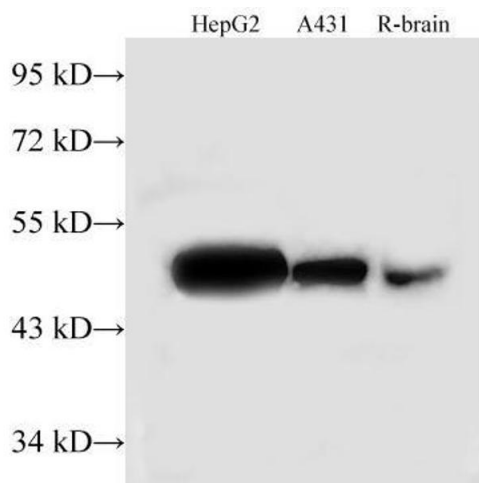
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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

## Images



### Western Blotting

**Image 1.** Western Blot analysis of HepG2, A431 cells and Rat brain using TUFM Polyclonal Antibody at dilution of 1:500