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Datasheet for ABIN7172733  
**anti-MTERFD2 antibody (AA 45-87)**

3 Images

Overview

Quantity:	100 µg
Target:	MTERFD2
Binding Specificity:	AA 45-87
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTERFD2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Transcription termination factor 4, mitochondrial protein (45-87AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MTERFD2
Alternative Name:	MTERF4 ( <a href="#">MTERFD2 Products</a> )
Background:	Background: Regulator of mitochondrial ribosome biogenesis and translation. Binds to mitochondrial ribosomal RNAs 16S, 12S and 7S and targets NSUN4 RNA methyltransferase to

## Target Details

the mitochondrial large ribosomal subunit (39S).

Aliases: FLJ16261 antibody, HSPC096 antibody, MGC61716 antibody, MTER2\_HUMAN antibody, MTERF domain containing 2 antibody, mTERF domain-containing protein 2 antibody, Mterfd2 antibody, OTTHUMP00000200479 antibody, OTTHUMP00000200519 antibody

UniProt: [Q7Z6M4](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

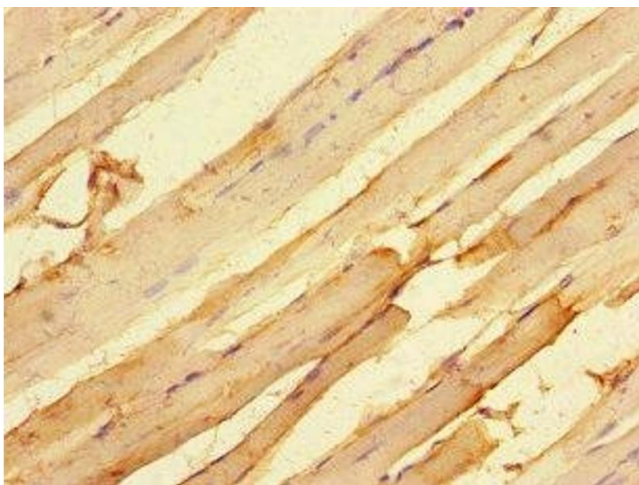
Preservative: ProClin

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

Storage: -20 °C,-80 °C

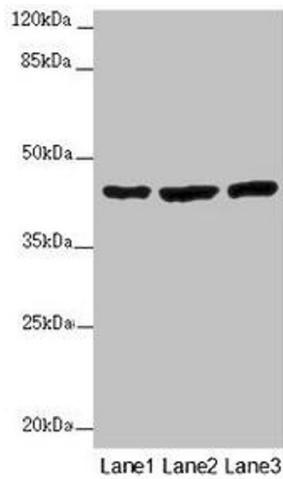
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



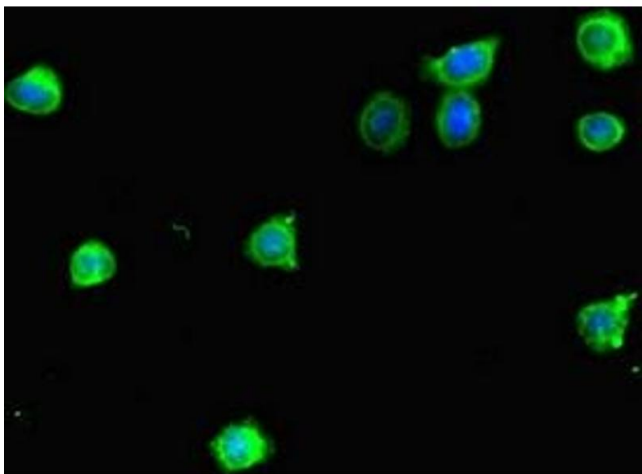
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using ABIN7172733 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: MTERF4 antibody at 2  $\mu$ g/mL Lane 1: Mouse kidney tissue Lane 2: HL60 whole cell lysate Lane 3: A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 44 kDa Observed band size: 44 kDa



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7172733 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)