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## Datasheet for ABIN1713866 anti-MTERF antibody (AA 101-200)



Overview

Quantity:	100 µL	
Target:	MTERF	
Binding Specificity:	AA 101-200	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MTERF antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))	

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MTERF1	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	MTERF
Alternative Name:	MTERF1 (MTERF Products)

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## Target Details

Background:	Synonyms: mitochondrial, Mitochondrial transcription termination factor 1, MTERF1, mTERF,
	MTERF_HUMAN, Transcription termination factor.
	Background: Members of the mTERF family, including MTERF, MTERFD1, MTERFD2 and
	MTERFD3, are mitochondrial proteins that are believed to be transcription termination factors.
	MTERF (mitochondrial transcription termination factor 1) is composed of 399 amino acids and
	contains three leucine zippers that form a three-stranded coiled-coil that binds to DNA. It has
	been suggested that only the phosphorylated form of MTERF has transcription termination
	activity. MTERFD1 is also thought to act as a mitochondrial transcription regulator and is
	expressed as two isoforms produced by alternative splicing. MTERFD3 is believed to be
	involved in cell cycle regulation and cell growth by modulating mitochondrial transcription.
	MTERFD3 is expressed in heart, skeletal muscle, pancreas and liver.
Gene ID:	7978

## **Application Details**

Storage:

Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	

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

4 °C,-20 °C

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Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

12 months