

MTFMT Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56878**Specification****MTFMT Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96DP5
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MTFMT
Epitope Specificity	31-130/389
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion.
SIMILARITY	Belongs to the fmt family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The protein encoded by this nuclear gene localizes to the mitochondrion, where it catalyzes the formylation of methionyl-tRNA. [provided by RefSeq, Jun 2011]

MTFMT Polyclonal Antibody - Additional Information

Gene ID 123263

Other Names

Methionyl-tRNA formyltransferase, mitochondrial, MtFMT, 2.1.2.9, MTFMT, FMT, FMT1

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH

7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MTFMT Polyclonal Antibody - Protein Information

Name MTFMT

Synonyms FMT, FMT1

Function

Methionyl-tRNA formyltransferase that formylates methionyl- tRNA in mitochondria and is crucial for translation initiation.

Cellular Location

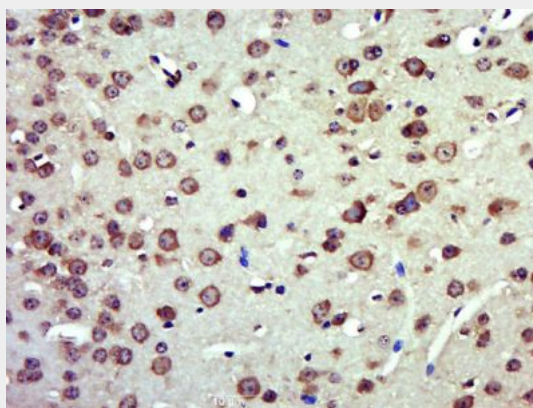
Mitochondrion {ECO:0000250|UniProtKB:O77480}.

MTFMT Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTFMT Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MTFMT) Polyclonal Antibody, Unconjugated (bs-17873R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.