

MTFMT Rabbit pAb

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Catalog # AP56878

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96DP5
Reactivity	Mouse
Predicted	Rat, Dog, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43832
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.
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]

Additional Information

Gene ID	123263
Other Names	Methionyl-tRNA formyltransferase, mitochondrial, MtFMT, 2.1.2.9, MTFMT, FMT, FMT1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

Name	MTFMT
Synonyms	FMT, FMT1

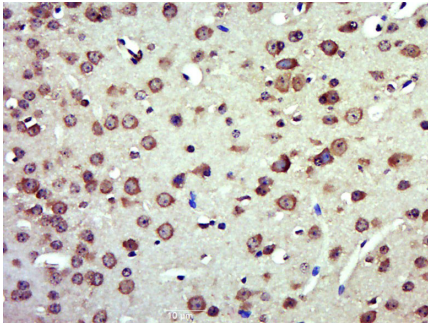
Function Methionyl-tRNA formyltransferase that formylates methionyl- tRNA in mitochondria and is crucial for translation initiation.

Cellular Location Mitochondrion {ECO:0000250 | UniProtKB:O77480}.

Background

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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 (AP56878) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.